

WEARING APPAREL

[Preliminary reports for most of the industries in the wearing-apparel group were issued at dates ranging from August 18, 1926, to April 22, 1927.]

Description of the industries.—The industries for which statistics are given in this report may be briefly described as follows:

Clothing, men's, not elsewhere classified.—The manufacture of all classes of men's and boys' outer clothing, such as overcoats, suits, coats, trousers, raincoats, work clothing (overalls, coveralls, unionalls, work pants, work coats, and jumpers, of denim, khaki, corduroy, drills, and woolen cloth), smoking and other jackets, and all other outer garments, including bathing suits, not made in knitting mills. Hats, gloves, and mittens, footwear, and underwear are not included, these being products of separate industries. Establishments making parts of clothing, such as shoulder pads, pockets, coat fronts, and padding, are also classified in this industry. This results in some duplication in the cost of materials and the value of products for the industry as a whole. Custom tailor shops are not included. (See "Contract work," p. 316.) (See Tables 2 to 8.)

Buttonholes, men's clothing.—Buttonhole making done on contract by establishments engaged wholly or mainly in such work. A small amount done on women's clothing is included. The value of products for this industry is made up of the amounts received for work done. Inasmuch as buttonholes are usually made by the same establishments which manufacture clothing (and which, therefore, are classified in the men's-clothing industry), only a comparatively small proportion of the total number of persons engaged in buttonhole making, of the total value of work done, etc., is represented by the statistics for the buttonhole industry. (See Tables 9 and 10.)

Collars, men's.—The manufacture of collars for men's wear. (See Tables 11, 12, and 13.)

Furnishing goods, men's, not elsewhere classified.—The manufacture of men's neckwear, belts, handkerchiefs, bath robes, pajamas, athletic underwear, etc. (See Tables 14, 15, and 16.)

Shirts.—The manufacture of shirts, shirt bosoms, and shirt waists for men and boys, except those made in knitting mills. Some of the establishments in this industry do stitching under contract on materials owned by others, and the amounts received by such establishments for work done are reported by them as "Value of products." The total value of products for the industry, therefore, includes some duplication. (See Tables 17 and 18.)

Clothing, women's, not elsewhere classified.—The manufacture of all classes of women's, girls', and children's clothing, including suits, dresses, skirts, petticoats, kimonos, dressing sacks, wrappers, jackets, capes, cloth underwear, shirt waists, linings, bathing suits (not made in knitting mills), dress shields, etc. Corsets, millinery, gloves and mittens, footwear, and knit underwear are not included, these being products of separate industries. (See "Contract work," p. 316.) (See Tables 19 to 26.)

Corsets.—The manufacture of corsets, corset waists, brassieres, stays, and similar articles. (See Tables 27, 28, and 29.)

Millinery and lace goods, not elsewhere classified.—The manufacture of embroideries; hat and bonnet frames and made hats, trimmed and untrimmed, for women and girls; dress, cloak, and millinery trimmings, braids, and fringes; women's collars and neckwear; lace work, plaitings, ruchings, and veilings; crocheted goods; handmade curtains of muslin and lace;¹ women's and children's belts, other than leather; and handkerchiefs. Custom millinery shops are not included. The production of untrimmed hats for women is covered, in part, by other industry classifications, namely, "hats, fur-felt," "hats, wool-felt," "hats, straw," and "hats and caps, cloth." (See Tables 30, 31, and 32.)

Boots and shoes, other than rubber (Table 1 only).—The manufacture of boots, shoes, sandals, slippers, moccasins, leggins, overgaiters, and other footwear, chiefly of leather, but including footwear made from canvas and other textile fabrics.

Boots and shoes, rubber (Table 1 only).—The manufacture of rubber footwear of all kinds.

¹ The machine production of lace curtains and other cotton-lace goods is treated as a separate industry.

Fur goods.—The manufacture of women's, misses', and children's fur sets and furs, including boas, capes, collars and collarettes, muffs, scarfs, shawls, and stoles; fur coats and cloaks; fur and fur-lined overcoats; other garments; fur hats, caps, gloves, and mittens; fur robes; and sheep-lined coats. (See Tables 33, 34, and 35.)

Gloves and mittens, cloth, not made in textile mills.—The manufacture, by establishments other than textile mills, of men's and women's cloth gloves and mittens. The production of such gloves in textile mills can not be segregated.¹ (See Tables 36, 37, and 38.)

Gloves and mittens, leather (Table 1 only).—The manufacture of gloves (except baseball and boxing gloves, which are treated as products of the "sporting and athletic goods" industry), mittens, and gauntlets from leather or from materials of which leather forms the greater part.

Hats, fur-felt (Table 1 only).—The manufacture of stiff and soft hats (chiefly for men's wear) and hat bodies, all of which are made principally from the fur of the rabbit and the hare.

Hats, wool-felt (Table 1 only).—The manufacture of men's, women's, and children's hats and hat bodies from wool, wool noils, shoddy, etc.

Hats, straw.—The manufacture of men's, women's, and children's straw hats and the bleaching and finishing of Panama and other straw hats. (See Tables 39, 40, and 41.)

Hats and caps, except felt and straw.—The manufacture of all kinds of hats and caps from cloth, and of men's silk and opera hats. (See Tables 42 and 43.)

Knit goods (Table 1 only).—The manufacture of products made by machine knitting, without regard to whether the yarns used are of cotton, of wool, of silk, or of other material. The products of this industry include hosiery, underwear, sweaters, bathing suits, gloves and mittens, hoods, scarfs, cardigan jackets, fancy jackets, shawls, and other fancy knit goods and knit cloth.

Suspenders, garters, and other elastic goods (not including elastic surgical goods) made from purchased webbing.—The manufacture, from purchased webbing, of suspenders, garters, and other elastic goods. (See Tables 44 and 45.)

Contract work.—In the men's-clothing and women's-clothing industries a considerable amount of contract work is done on materials belonging to others by establishments engaged solely or mainly in this class of work. Because of the importance of contract work in the clothing industries, separate statistics are given in Tables 2, 4-8, 19, 21-23, and 26 for "regular factories" and for those doing contract work. The amounts paid by regular factories to contract shops for work done are reported by the former under the head "Paid for contract work" and by the latter as "Value of products." Thus, the total value of products for both classes of factories combined includes some duplication. In fact, the net value of products for the men's-clothing industry is substantially the same as the value of products shown for the regular factories alone, and the same is true in regard to the women's-clothing industry.

It is a growing custom, especially in the women's-clothing industry, for manufacturers to send their materials to contract shops to be made into clothing. This change in the policy of manufacturers in the conduct of their business, together with differences in their interpretation of the various inquiries on the census schedule, is responsible to a large extent for the increases shown for 1923 in the amount paid for contract work, the number of salaried employees, and the amount of their salaries, and for the decreases in the average number of wage earners and the amount of their wages, shown for the women's-clothing industry.

The principal reasons reported for the decrease in the value of products in the women's-clothing industry are: The decline in the prices of textile fabrics used as materials; keener competition, which has resulted in consolidation of operations and improvements in methods and equipment, making it possible to meet decreases in prices with increases in quantity of output; style changes; some over-production; increased demand for the lower-priced goods, especially dresses, of good wearing quality; labor disturbances within the industry. A portion of the

¹The value of all classes of gloves and mittens made in knitting mills is given in footnote 20, Table I.

indicated decrease is due to the reporting, at the census for 1923, by some establishments engaged in contract work, of the full value of finished clothing rather than of the amount received for work done. Since the manufacturers or jobbers who furnished the materials also reported the full value of the finished products, this resulted in some overstatements of the total value of products. At the census of 1925 there was little or no duplication of this character.

Scope of statistics for wearing-apparel industries.—For the men's-clothing and women's-clothing industries the statistics are presented in detail. (See Tables 2-8 and 19-26.) For buttonholes, collars, men's furnishing goods, shirts, corsets, millinery and lace goods, fur goods, cloth gloves and mittens, straw hats, cloth hats, and caps, and suspenders, garters, and other elastic goods, the statistics are given in less detail. (See Tables 9-18 and 27-45.) For the leather boots and shoes, rubber boots and shoes, leather gloves and mittens, fur-felt hats, wool-felt hats, and knit-goods industries the only statistics given in this report are the summary figures in Table 1, but detailed statistics for these industries are presented in other reports.

In making use of the total value-of-products figures for any industry, it must be remembered that they do not represent exactly the value of the class or classes of products normally belonging to the industry. (See paragraph 6, p. 3.) The values of the individual classes of products are shown for the men's-clothing industry (Tables 5 and 6), for the women's-clothing industry (Tables 22 and 23), and for several of the other industries, but for the remaining industries the only statistics given in this report in regard to products are those showing the total value of all classes of products.

Monthly statistics.—Monthly data are collected on "Men's and boys' clothing cut" and on "Work clothing—garments cut." (See Tables 46 and 47 on pp. 362 and 363.)

TABLE 1.—SUMMARY FOR THE MANUFACTURE OF WEARING APPAREL, BY INDUSTRIES, FOR THE UNITED STATES: 1919 TO 1925

[Data for establishments with products under \$5,000 in value included for 1919 but not for subsequent years. See sec. 10, p. 5]

INDUSTRY	Census year	Number of establish- ments	Wage earners (average number)	Wages	Cost of materials ¹	Value of products
Wearing apparel (not including custom-made clothing), all industries.	1925	20,830	932,100	\$1,027,706,222	\$2,955,261,031	\$5,499,854,690
	1923	23,157	908,241	1,087,953,546	3,110,606,364	5,770,522,904
	1921	22,060	884,035	946,793,768	2,436,954,208	4,556,655,408
	1919	24,836	975,780	963,707,729	3,131,293,650	5,524,066,224
Men's	1925	5,317	252,804	262,809,016	708,949,116	1,462,313,099
	1923	6,060	276,233	296,609,417	709,867,822	1,660,468,289
	1921	5,891	236,188	254,942,658	630,448,366	1,246,464,614
	1919	6,787	245,404	245,104,040	817,141,194	1,524,802,459
Clothing (not including custom-made).	1925	4,000	174,332	203,847,350	557,470,520	1,087,237,742
	1923	4,067	194,820	235,488,058	584,808,022	1,178,714,731
	1921	4,539	165,206	201,881,511	447,644,615	934,770,275
	1919	5,258	175,270	197,821,990	608,752,170	1,162,985,633
Buttonholes	1925	30	327	346,855	71,047	658,064
	1923	37	334	409,251	103,080	804,427
	1921	37	320	347,078	77,406	646,047
	1919	107	484	514,600	123,268	1,090,049
Collars	1925	28	7,187	5,502,920	11,792,449	27,587,675
	1923	37	10,449	7,959,700	18,369,680	42,066,218
	1921	34	9,285	7,061,018	12,374,054	29,571,374
	1919	30	11,103	7,430,729	19,434,005	47,564,949

See footnotes at end of table

TABLE I.—SUMMARY FOR THE MANUFACTURE OF WEARING APPAREL, BY INDUSTRIES, FOR THE UNITED STATES: 1919 TO 1925—Continued.

(See note at head of this table)

INDUSTRY	Census year	Number of establish-ments	Wage earners (average number)	Wages	Cost of materials ¹	Value of products
Men's—Continued.						
Furnishing goods, not elsewhere classified	1925	419	21,094	\$17,438,180	\$60,861,348	\$120,887,586
	1923	454	18,958	14,810,103	57,286,879	102,951,687
	1921	421	15,921	12,469,810	47,193,111	77,520,542
	1919	487	18,944	15,562,866	64,743,912	107,834,605
Shirts	1925	840	49,884	35,673,731	129,763,752	\$22,982,922
	1923	934	51,672	37,943,405	130,364,361	241,331,226
	1921	860	48,427	38,182,382	123,250,180	203,944,376
	1919	896	39,003	26,833,855	127,087,745	205,327,188
Women's.						
Clothing (not including custom-made)	1925	8,765	194,504	258,080,276	915,492,800	1,680,076,472
	1923	9,955	203,545	258,747,718	907,884,590	1,782,237,203
	1921	10,011	215,650	258,585,602	737,874,928	1,307,056,760
	1919	10,904	234,014	258,227,000	852,161,524	1,539,810,008
Corsets	1925	6,127	126,466	175,044,511	724,298,974	1,203,705,291
	1923	7,040	133,195	176,445,518	809,580,802	1,406,683,835
	1921	7,061	144,805	185,082,108	507,810,459	1,022,742,796
	1919	7,711	105,040	105,295,834	680,400,844	1,208,543,128
Milinery and lace goods, not elsewhere classified	1925	2,443	53,603	66,560,071	153,385,580	\$30,856,341
	1923	2,603	54,246	64,044,000	149,907,780	207,505,409
	1921	2,777	53,701	60,401,336	131,207,109	208,713,508
	1919	3,005	56,850	49,848,984	132,028,877	265,724,522
Men's and women's	1926	6,768	484,708	510,907,980	1,270,810,115	2,360,804,210
	1923	7,133	518,403	537,596,410	1,312,888,952	2,427,817,502
	1921	6,788	432,217	433,265,498	1,068,030,914	1,943,184,034
	1919	7,145	495,402	450,810,620	1,462,000,932	2,460,383,756
Boots and shoes	1925	1,423	231,901	253,845,929	522,188,040	1,041,317,976
	1923	1,631	254,651	284,016,732	572,725,850	1,131,817,704
	1921	1,520	207,300	228,382,210	510,505,387	951,508,420
	1919	1,474	243,024	241,617,332	765,616,105	1,271,958,870
Other than rubber	1925	1,460	208,992	225,787,981	481,631,964	10,925,383,422
	1923	1,606	225,216	250,345,922	527,456,868	1,000,075,022
	1921	1,605	183,502	204,984,005	478,432,445	867,475,596
	1919	1,449	211,049	210,734,010	715,200,315	1,185,041,436
Rubber	1925	23	24,990	28,057,948	40,560,055	11,115,934,554
	1923	25	29,435	33,670,810	45,268,988	131,730,742
	1921	24	28,888	23,428,115	32,132,942	94,032,524
	1919	25	32,875	30,882,722	50,346,880	110,017,484
Tur goods	1925	2,000	10,656	35,164,202	150,315,693	12,254,205,708
	1923	1,758	14,439	27,928,042	120,162,143	108,014,671
	1921	1,707	12,052	22,421,193	84,636,855	130,365,929
	1919	1,815	13,639	24,149,212	105,696,605	173,137,730
Gloves and mittens, not made in textile mills ¹³	1925	365	16,176	12,024,189	35,756,016	62,824,632
	1923	389	18,874	13,840,704	35,516,978	66,206,103
	1921	400	18,065	9,136,868	24,035,655	40,068,220
	1919	537	19,671	13,006,080	42,378,591	75,160,624
Cloth	1925	118	7,708	4,810,070	15,734,995	14,25,660,306
	1923	129	8,564	5,295,995	18,292,084	14,28,126,528
	1921	128	5,758	3,294,079	10,191,476	15,212,899
	1919	182	8,936	4,855,246	16,092,402	28,220,118
Leather	1925	247	8,378	7,814,110	20,021,021	14,37,104,826
	1923	260	10,010	8,544,700	20,223,924	14,38,080,576
	1921	272	7,907	5,842,784	13,844,159	24,856,321
	1919	355	10,685	8,1,50784	26,286,129	40,940,511

See footnotes at end of table.

TABLE 1.—SUMMARY FOR THE MANUFACTURE OF WEARING APPAREL, BY INDUSTRIES, FOR THE UNITED STATES: 1919 TO 1925—Continued

[See note at head of this table]

INDUSTRY	Census year	Number of establish-ments	Wage earners (average number)	Wages	Cost of materials ¹	Value of products
Men's and women's—Contd.						
Hats and caps.....	1925	830	29,482	\$37,518,288	\$83,123,662	\$10,991,062
	1923	932	32,707	40,652,822	77,495,828	159,276,982
	1921	874	27,737	32,345,888	61,802,522	123,182,103
	1919	1,073	34,790	37,074,106	84,944,703	166,212,182
Hats, fur-felt.....	1925	146	15,156	20,466,420	40,124,184	¹⁰ 80,000,300
	1923	168	16,722	21,531,362	34,447,768	75,253,064
	1921	154	13,380	15,881,848	26,252,448	52,614,167
	1919	176	18,510	19,042,531	40,168,019	82,745,308
Hats, wool-felt.....	1925	22	1,854	1,985,708	5,122,755	¹⁷ 8,948,644
	1923	21	1,950	2,004,774	4,457,010	8,048,217
	1921	26	1,428	1,347,685	2,453,007	4,964,324
	1919	40	1,448	1,387,777	3,699,822	6,730,652
Hats, straw.....	1925	83	5,920	5,823,133	15,177,994	¹⁸ 28,153,890
	1923	97	6,812	7,522,803	16,340,868	32,509,263
	1921	110	5,924	6,415,205	14,559,485	28,616,604
	1919	148	7,302	6,604,933	10,010,408	32,187,361
Hats and caps, except felt and straw.	1925	570	6,552	9,242,937	22,698,729	¹⁹ 43,822,720
	1923	651	7,313	9,598,883	22,260,182	¹⁹ 42,811,444
	1921	584	6,505	8,701,160	18,636,982	36,987,008
	1919	709	7,530	9,438,864	24,176,514	44,530,861
Kuit goods.....	1925	1,987	186,668	168,682,840	463,025,780	²⁰ 809,900,213
	1923	2,323	104,244	165,271,554	484,020,075	²⁰ 848,176,734
	1921	2,078	161,880	132,100,340	360,457,833	²⁰ 634,073,895
	1919	2,050	172,572	125,100,820	427,095,500	²⁰ 713,100,689
Suspenders, garters, and other elastic goods (not including elastic surgical goods), made from purchased webbing. ²²	1925	93	8,835	3,072,392	16,490,915	²¹ 27,504,028
	1923	100	3,458	2,891,526	13,934,072	24,297,342
	1921	170	9,403	8,788,095	27,232,682	44,935,467
	1919	106	10,857	9,270,130	30,360,218	60,774,652

¹ Including also cost of fuel, electric power, and containers.

² Includes receipts for contract work as follows: For 1925, \$158,340,009; for 1923, \$151,740,870. Also includes value of products other than wearing apparel, for 1925, \$94,700,945; for 1923, \$103,431,985. (See footnotes 3-12, 14-20, and 22.) Data for prior years incomplete.

³ Includes receipts for contract work as follows: For 1925, \$64,239,544; for 1923, \$75,178,588; for 1921, \$61,226,479; for 1919, \$80,518,590. Also includes value of products other than wearing apparel, for 1925, \$3,834,674; for 1923, \$8,708,924.

⁴ Includes receipts for contract work as follows: For 1925, \$402,057; for 1923, \$245,057, and value of products other than wearing apparel, for 1925, \$35,000.

⁵ Includes receipts for contract work as follows: For 1925, \$2,595,681; for 1923, \$2,889,581. Also includes value of products other than wearing apparel, for 1925, \$648,721; for 1923, \$160,000.

⁶ Includes receipts for contract work as follows: For 1925, \$12,746,308; for 1923, \$12,187,958, and value of products other than wearing apparel, for 1925, \$122,271.

⁷ Includes receipts for contract work as follows: For 1925, \$63,635,521; for 1923, \$47,321,095; for 1921, \$13,810,979; for 1919, \$62,230,782. Also includes value of products other than wearing apparel, for 1925, \$1,515,125; for 1923, \$50,273.

⁸ Includes receipts for contract work, \$96,641, and value of products other than wearing apparel, \$658,633.

⁹ Includes receipts for contract work as follows: For 1925, \$404,795; for 1923, \$146,113. Also includes value of products other than wearing apparel, for 1925, \$28,838,130; for 1923, \$1,275,787.

¹⁰ Includes receipts for contract work, \$1,854,531, and value of products other than wearing apparel, \$4,513,805.

¹¹ Includes receipts for contract work, \$7,260.

¹² Includes receipts for contract work, \$386,694, and value of products other than wearing apparel, \$809,034.

¹³ For value of gloves and mittens made in knit-goods establishments, see footnote 20.

¹⁴ Includes receipts for contract work as follows: For 1925, \$79,480; for 1923, \$51,988. Also includes value of products other than wearing apparel, for 1925, \$105,216; for 1923, \$57,348.

¹⁵ Includes receipts for contract work as follows: For 1925, \$185,254; for 1923, \$7,251. Also includes value of products other than wearing apparel, for 1925, \$1,131,821; for 1923, \$237,431.

¹⁶ Includes receipts for contract work, \$109,751.

¹⁷ Includes value of products other than wearing apparel, \$20,160.

¹⁸ Includes receipts for contract work, \$203,001, and value of products other than wearing apparel, \$15,480.

¹⁹ Includes receipts for contract work as follows: For 1925, \$538,881; for 1923, \$214,840. Also includes value of products other than wearing apparel, for 1925, \$207,943; for 1923, \$66,030.

²⁰ Includes value of gloves and mittens as follows: For 1925, \$9,083,403; for 1923, \$16,767,711; for 1921, \$25,209,026; for 1919, \$19,530,411. No separate data for wage earners, wages, or cost of materials are collected.

²¹ Includes receipts for contract work as follows: For 1925, \$10,580,346; for 1923, \$13,497,743; for 1921, \$6,861,621; for 1919, \$8,771,094. Also includes value of products other than wearing apparel, for 1925, \$76,432,669; for 1923, \$97,880,183; for 1921, \$64,853,743; for 1919, \$80,470,622.

²² Includes receipts for contract work, \$275,104, and value of products other than wearing apparel, \$2,112,203.

²³ Figures for 1921 and 1919 not strictly comparable with those for subsequent years.

TABLE 2.—CLOTHING, MEN'S, ALL FACTORIES, REGULAR FACTORIES, AND CONTRACT SHOPS—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

(Data for establishments with products under \$5,000 in value included for 1919 and 1914 but not for subsequent years. See sec. 10, p. 5.)

	Number of establishments	Wage earners (average number)	Wages	Paid for contract work	Cost of materials ¹	Value of products	Value added by manufacture ²	Horse-power
ALL FACTORIES								
1925	4,000	174,332	\$208,847,360	\$64,800,188	\$557,470,620	\$1,087,237,742	\$529,767,222	44,749
1923	4,607	194,520	235,186,058	110,402,608	684,803,922	1,178,714,731	693,910,809	52,642
1921	5,503	165,206	201,581,511	96,521,243	447,544,615	934,776,275	487,231,660	(3)
1919	5,258	176,270	197,821,090	108,072,822	605,752,176	1,162,985,633	557,233,457	40,198
1914	4,830	173,747	85,828,011	37,755,028	230,031,000	458,210,985	223,170,205	35,252
Per cent of increase or decrease (-):								
1923-1925	-28.2	-10.5	-13.4	-14.1	-4.7	-7.8	-10.8	-16.0
1921-1923	1.5	17.9	16.9	14.4	30.7	26.1	21.9	-----
1921-1925	-11.9	5.5	1.0	-1.7	24.6	16.8	8.7	-----
1914-1925	-17.2	.3	134.8	151.3	142.3	187.3	132.2	20.9
REGULAR FACTORIES								
1925	2,455	130,783	\$160,428,583	\$93,181,279	\$552,000,601	\$1,025,208,055	\$472,302,584	37,036
1923	2,744	152,210	184,684,469	107,049,708	679,020,240	1,105,116,203	526,005,063	48,217
1921	2,774	130,727	159,241,728	94,016,668	448,060,814	873,549,706	430,493,082	(4)
1919	2,905	133,872	142,774,584	105,339,221	609,017,010	1,082,472,043	483,456,039	42,561
1914	2,331	123,039	63,404,524	36,084,425	228,117,103	425,087,037	196,060,034	28,844
Per cent of increase or decrease (-):								
1923-1925	-10.5	-10.1	-13.1	-13.4	-4.5	-7.2	-10.2	-12.8
1921-1923	-1.7	10.4	10.0	13.8	30.7	26.5	22.2	-----
1921-1925	-11.5	4.6	.7	-1.5	24.8	17.4	9.7	-----
1914-1925	5.3	10.9	152.7	151.0	142.4	141.2	138.8	32.9
CONTRACT SHOPS								
1925	1,545	87,510	\$43,428,787	\$1,708,000	\$4,570,019	\$62,034,667	\$57,404,633	7,084
1923	1,863	42,610	60,802,489	2,762,800	5,733,682	73,508,528	67,814,846	9,425
1921	1,705	34,470	42,639,798	1,906,675	4,493,801	61,226,473	56,732,078	(4)
1919	2,363	41,998	55,047,386	2,734,601	6,735,169	80,513,560	73,778,424	6,647
1914	2,496	40,808	23,383,087	770,598	1,014,587	33,123,948	31,209,381	6,908
Per cent of increase or decrease (-):								
1923-1925	-17.1	-11.9	-14.6	-37.9	-21.0	-15.7	-15.3	-24.8
1921-1923	5.6	23.6	19.1	44.5	28.7	20.2	19.5	-----
1921-1925	-12.5	8.9	1.8	-10.8	1.7	1.3	1.3	-----
1914-1925	-38.2	-24.6	86.1	121.8	138.7	87.3	84.1	2.5

Including also cost of fuel and electric power.

¹ Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

² Not called for on schedule.

* These figures differ from the corresponding ones published in the reports for 1919 and 1914 because of the exclusion here and the inclusion in the previous reports of data for purchased power other than electric. (See footnote 1, Table 4.)

TABLE 3.—CLOTHING, MEN'S, ALL FACTORIES—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925.

[Some of the States for which no figures are given in this table reported larger numbers of wage earners than some of those for which statistics are shown. See headnote, Table 8, p. 320.]

STATE	Average number employed during year	NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY					
		January	February	March	April	May	June
United States:							
1925 ¹	174,332	169,554	174,807	177,014	172,456	166,319	170,566
1928	194,820	191,000	195,910	201,148	197,600	193,744	195,468
1921	165,206	129,900	143,107	155,802	162,784	162,424	168,690
1919 ¹	175,270	146,278	152,223	157,097	160,651	163,103	168,807
Alabama	761	703	716	721	730	738	724
Arkansas	396	383	378	379	473	479	354
California	3,280	2,914	3,097	3,178	3,273	3,291	3,280
Colorado	432	432	424	428	434	424	427
Connecticut	1,143	1,084	1,143	1,145	1,162	1,143	1,122
Delaware	277	249	258	274	278	277	276
Georgia	2,495	2,531	2,523	2,540	2,490	2,489	2,102
Illinois	25,160	25,467	26,265	25,877	24,907	22,342	24,727
Indiana	3,485	3,384	3,451	3,400	3,486	3,556	3,494
Iowa	807	705	731	776	747	791	817
Kansas	333	200	323	350	347	340	355
Kentucky	3,528	3,305	3,499	3,599	3,595	3,884	3,282
Louisiana	1,566	1,498	1,490	1,568	1,642	1,692	1,735
Maine	384	341	345	354	358	356	302
Maryland	10,114	9,822	10,028	10,140	9,914	9,082	10,065
Massachusetts	6,230	5,875	6,295	6,506	6,254	5,972	6,921
Michigan	1,709	1,552	1,632	1,756	1,748	1,732	1,703
Minnesota	1,849	1,645	1,605	1,726	1,890	2,005	1,981
Missouri	8,458	8,190	8,438	8,403	8,304	8,343	7,795
Nebraska	196	153	157	176	178	182	190
New Hampshire	430	412	453	461	479	460	442
New Jersey	6,907	6,724	6,922	7,247	7,064	6,567	6,546
New York	49,928	49,434	51,277	52,136	49,297	46,040	49,266
North Carolina	1,051	970	1,025	1,035	1,050	1,044	907
Ohio	14,309	13,286	13,955	14,513	14,314	14,215	14,009
Oklahoma	160	174	174	176	177	171	174
Oregon	630	644	633	628	638	611	580
Pennsylvania	16,802	16,526	16,666	16,382	16,313	16,329	16,607
Tennessee	2,093	2,026	2,094	2,152	2,049	2,050	2,035
Texas	2,802	2,518	2,574	2,637	2,658	2,690	2,785
Utah	355	249	277	348	386	398	372
Vermont	320	313	324	334	337	321	319
Virginia	1,707	1,698	1,601	1,716	1,689	1,681	1,497
Washington	640	568	582	637	661	662	630
West Virginia	544	517	529	530	529	517	496
Wisconsin	2,424	2,425	2,429	2,367	2,086	2,388	2,510

See footnote at end of table

TABLE 8.—CLOTHING, MEN'S, ALL FACTORIES—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925—Contd.

[See note at head of this table]

STATE	NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY					
	July	August	September	October	November	December
United States:						
1925 ¹	173,318	177,800	180,830	180,851	176,208	173,148
1928	194,882	197,157	197,067	186,957	190,380	189,807
1921	174,110	179,936	182,846	182,747	177,806	168,666
1919	177,355	184,531	190,406	197,030	200,412	204,438
Alabama	760	709	704	818	871	738
Arkansas	372	467	433	390	389	206
California	3,300	3,404	3,374	3,478	3,520	3,360
Colorado	428	436	467	447	427	421
Connecticut	1,094	1,130	1,144	1,154	1,181	1,206
Delaware	274	273	282	282	290	316
Georgia	2,233	2,526	2,500	2,717	2,565	2,506
Illinois	25,614	26,154	25,765	25,985	23,725	25,195
Indiana	3,473	3,488	3,503	3,570	3,500	3,605
Iowa	846	847	870	890	844	802
Kansas	303	330	337	334	334	339
Kentucky	3,481	3,642	3,672	3,662	3,600	3,626
Louisiana	1,635	1,870	1,461	1,548	1,588	1,668
Maine	393	363	403	407	435	438
Maryland	10,203	10,315	10,311	10,225	10,339	10,322
Massachusetts	6,080	6,202	6,541	6,372	6,680	6,002
Michigan	1,507	1,564	1,701	1,700	1,830	1,852
Minnesota	1,989	2,008	1,981	1,922	1,831	1,654
Missouri	8,040	8,506	8,685	8,984	8,038	8,687
Nebraska	202	216	224	224	218	218
New Hampshire	401	886	402	416	432	421
New Jersey	6,526	6,077	7,400	7,300	7,210	6,944
New York	60,665	61,611	62,437	51,223	48,778	47,370
North Carolina	994	1,055	1,097	1,106	1,158	1,107
Ohio	13,769	14,118	14,612	15,062	15,087	14,772
Oklahoma	175	128	171	102	169	172
Oregon	628	626	641	682	670	661
Pennsylvania	10,854	17,127	17,150	17,254	17,242	17,218
Tennessee	1,840	1,976	2,256	2,270	2,189	2,169
Texas	2,930	3,131	3,338	3,371	3,311	2,304
Utah	360	300	372	385	377	380
Vermont	309	312	316	320	323	319
Virginia	1,000	1,081	1,778	1,842	1,838	1,778
Washington	638	681	624	695	687	681
West Virginia	453	489	535	624	692	628
Wisconsin	2,551	2,551	2,512	2,398	2,470	2,404

¹ Month of maximum employment indicated by bold-faced figures and that of minimum employment by italic figures. Per cent which minimum forms of maximum: 1925, 91.4; 1928, 92.1; 1921, 87.8; 1919, 71.6.

TABLE 4.—CLOTHING, MEN'S, ALL FACTORIES, REGULAR FACTORIES, AND CONTRACT SHOPS—PRIME MOVERS, GENERATORS, AND MOTORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1925, 1923, AND 1919
[No data in regard to prime movers were collected for 1921.]

TYPE	1925		1923		1919	
	Number	Horse-power	Number	Horse-power	Number	Horse-power
ALL FACTORIES						
Prime movers, total.....	16,653	44,740	18,814	52,642	13,410	140,198
Steam engines.....	90	10,157	98	10,554	114	8,309
Steam turbines.....	8	458	4	4	4	153
Internal-combustion engines.....	35	407	54	498	126	1,088
Water wheels and turbines.....	15	615	32	670	15	258
Electric motors driven by purchased current.....	15,405	33,112	18,135	40,920	13,160	30,410
Electric motors, total.....	16,737	36,923	19,254	44,175	13,918	33,120
Driven by purchased current.....	15,405	33,112	18,135	40,920	13,160	30,410
Driven by current generated in establishment reporting.....	1,332	3,811	1,119	3,255	758	2,710
Electric generators.....	54	Kilo-watts 5,195	(*)	Kilo-watts (*)	(*)	Kilo-watts (*)
REGULAR FACTORIES						
Prime movers, total.....	11,845	Horse-power 37,065	14,388	Horse-power 43,217	9,605	Horse-power 133,551
Steam engines.....	86	9,051	83	10,157	100	8,258
Steam turbines.....	5	422	4	4	4	163
Internal-combustion engines.....	13	313	31	369	38	533
Water wheels and turbines.....	13	519	32	670	15	258
Electric motors driven by purchased current.....	11,728	26,460	14,242	32,021	9,442	24,849
Electric motors, total.....	13,046	30,234	15,331	35,146	10,184	27,019
Driven by purchased current.....	11,728	26,460	14,242	32,021	9,442	24,349
Driven by current generated in establishment reporting.....	1,318	3,774	1,080	3,125	742	2,670
Electric generators.....	52	Kilo-watts 5,100	(*)	Kilo-watts (*)	(*)	Kilo-watts (*)
CONTRACT SHOPS						
Prime movers, total.....	3,708	Horse-power 7,084	3,920	Horse-power 9,425	3,814	Horse-power 16,647
Steam engines.....	4	206	10	397	8	51
Steam turbines.....	3	36	23	120	88	535
Internal-combustion engines.....	22	94	23	120		
Water wheels and turbines.....	2	96				
Electric motors driven by purchased current.....	3,677	6,652	3,893	8,899	3,718	6,061
Electric motors, total.....	3,691	6,080	3,923	9,029	3,734	6,101
Driven by purchased current.....	3,677	6,052	3,893	8,899	3,718	6,061
Driven by current generated in establishment reporting.....	14	Kilo-watts 37	30	Kilo-watts 130	16	Kilo-watts 40
Electric generators.....	2	95	(*)	(*)	(*)	(*)

¹ These totals differ from those given in the report for 1910 because of the exclusion here and the inclusion in the 1910 report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

² Includes data for a small number of water motors.

³ Not called for on schedule.

TABLE 5.—CLOTHING, MEN'S, REGULAR FACTORIES—VALUE OF PRODUCTS,¹
BY CLASS, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given, by class, without disclosing operations of individual establishments. Certain of the "All other States," however, reported larger values of products for some of the classes than some of the States shown separately]

[See "Monthly statistics," Table 46, for distribution of men's and boys' clothing cut, by kinds of garments]

STATE	Total	Men's suits	Men's separate trousers	Men's over- coats and topcoats ¹	Boys' suits	Boys' separate pants
United States:						
1925.....	\$1,025,203,085	\$467,802,808	\$98,354,394	\$145,760,008	\$65,159,003	\$13,463,701
1923.....	1,105,110,203	496,213,922	94,496,078	171,515,999	83,430,067	
Alabama.....	2,301,632	(2)	(3)			
California.....	16,823,891	1,737,094	2,638,533	282,878	324,404	227,101
Connecticut.....	4,931,390	1,027,626	177,146	837,799	(3)	(3)
Illinois.....	126,974,275	77,936,210	8,072,540	19,370,219	2,193,733	236,363
Indiana.....	13,652,377	1,703,094	2,180,770	921,200	(3)	30,975
Iowa.....	3,411,547		270,870	(3)		
Kansas.....	1,119,642					(3)
Kentucky.....	12,076,832	4,561,452	3,211,546	654,578	417,780	31,365
Louisiana.....	4,794,216	2,858,701	731,540	(3)	(3)	137,023
Maryland.....	54,771,380	32,166,273	7,436,908	7,338,205	1,359,688	180,500
Massachusetts.....	81,753,800	10,065,868	2,152,064	8,109,858	(3)	(3)
Minnesota.....	8,459,573	(3)	283,137	2,221,575		(3)
Missouri.....	38,891,057	12,233,084	4,220,824	1,001,058	574,111	300,187
New Hampshire.....	2,002,492	(3)	(3)	(3)		
New Jersey.....	17,825,082	8,760,480	516,233	3,251,141	568,842	(3)
New York.....	442,243,213	210,468,020	35,196,227	78,416,226	53,252,098	8,908,985
Ohio.....	74,551,817	42,011,292	8,047,858	7,031,352	1,408,671	149,640
Oregon.....	3,637,311	340,221	110,356	1,065,538	(3)	
Pennsylvania.....	94,036,540	50,339,224	11,766,762	12,873,654	2,886,257	688,425
Tennessee.....	8,358,918	1,448,303	831,362	(3)	(3)	460,123
Utah.....	1,017,660					
Vermont.....	1,044,263	(3)	269,862	(3)	(3)	
Washington.....	2,733,335	99,503	(3)	204,210		(3)
West Virginia.....	3,045,553	674,723	1,769,007	(3)		(3)
Wisconsin.....	11,469,910	3,289,537	847,973	1,705,089	591,258	(3)
All other States.....	43,735,164	4,281,525	7,260,588	2,243,939	2,089,034	

See footnotes at end of table.

TABLE 5.—CLOTHING, MEN'S, REGULAR FactORIES—VALUE OF PRODUCTS, BY CLASS, BY STATES: 1925—Continued

[See notes at head of this table]

STATE	Boys' over-coats and reefers	Work clothing, denim	Work clothing, other than denim	Water-proof clothing, rubberized	Water-proof clothing, other than rubberized	All other men's clothing	All other products
United States:							
1925	\$15,656,714	\$82,149,452	\$44,817,784	\$6,671,275	\$8,385,881	\$68,738,938	\$19,300,577
1923	20,236,918	93,292,511	54,856,969	4,131	341,191	\$59,458,031	18,833,922
Alabama	1,680,871	408,517					173,851
California	(*)	5,241,732	1,820,301	(*)	(*)	887,676	2,398,778
Connecticut	(*)	111,303	39,700			957,198	(*)
Illinois	(*)	5,144,053	2,143,768	404,379	(*)	8,103,656	2,883,767
Indiana	(*)	5,151,040	2,052,045			508,428	415,080
Iowa	(*)	1,833,483	654,568			(*)	69,629
Kansas		845,847	(*)				(*)
Kentucky	(*)	2,450,435	(*)			(*)	(*)
Louisiana	(*)		545,099			(*)	(*)
Maryland	(*)	8,023,753	1,600,960	(*)	(*)	1,381,410	191,691
Massachusetts	(*)	2,225,606	1,160,649	686,523	4,196,211	1,862,128	860,696
Minnesota	(*)	2,310,200	1,097,022			718,020	1,770,477
Missouri	91,717	6,801,808	10,202,110	(*)	(*)	977,841	1,271,928
New Hampshire		890,054	390,848			(*)	(*)
New Jersey		1,702,123	1,374,272	(*)	(*)	643,458	(*)
New York	14,352,598	2,880,041	4,776,874	2,430,404	1,425,579	26,564,638	3,501,856
Ohio	210,733	4,921,366	2,886,087	(*)	(*)	4,564,450	1,216,925
Oregon	(*)	495,693	(*)			(*)	670,225
Pennsylvania	187,912	2,087,389	938,394	(*)	(*)	9,626,483	1,729,123
Tennessee	(*)	4,030,812	336,424				69,476
Utah		822,269	94,473			(*)	(*)
Vermont		592,393	65,658			(*)	(*)
Washington	(*)	1,023,478	413,067		183,657		(*)
West Virginia		(*)	(*)	(*)			
Wisconsin		3,090,336	1,013,662	(*)		208,503	695,570
All other States	807,754	21,894,717	6,814,080	2,040,909	2,530,384	1,712,161	1,908,602

¹ Does not include fur or fur-lined overcoats and topcoats for 1925 or 1923, and includes sheep-lined overcoats and topcoats for 1923 only. Sheep-lined garments are classified in the fur-goods industry for 1925. (See Table 34.)

² In addition, men's clothing to the value of \$7,292,899 for 1925, and \$5,641,458 for 1923, was reported as a secondary product by establishments other than regular factories in the men's-clothing industry. Of these amounts, \$984,365 for 1925, and \$1,174,498 for 1923, represent the value of men's clothing made from materials owned, reported by establishments engaged primarily in contract work on men's clothing.

³ Included with data for "All other States" to avoid disclosing operations of individual establishments.

⁴ Excludes data for 1 establishment to avoid disclosing its operations; included under "All other men's clothing."

⁵ Includes value of a small amount of waterproof clothing. (See footnote 4.)

TABLE 6.—CLOTHING, MEN'S, CONTRACT SHOPS—AMOUNTS RECEIVED FOR WORK DONE, BY CLASS OF PRODUCTS, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given, by class, without disclosing operations of individual establishments. Certain of the "All other States," however, reported receipts for some of the classes in excess of those for some of the States shown separately.]

STATE	Total	Men's suits	Men's separate trousers	Men's overcoats and topcoats ¹	Boys' suits	Boys' separate pants
United States:						
1925.....	\$62,034,657	\$7,917,336	\$15,724,127	\$7,478,597	\$1,080,963	\$2,334,549
1923.....	273,508,528	9,773,836	16,319,684	11,043,372		\$4,017,086
California.....	772,604	(3)	153,638	(3)		
Illinois.....	8,285,456	2,617,964	1,817,761	611,689		(3)
Kentucky.....	486,917	84,370	100,364	(3)	(3)	
Maryland.....	2,033,657	745,860	488,091	536,763		34,293
Massachusetts.....	2,130,590	36,405	511,416	166,022	(3)	(3)
Missouri.....	404,107	(3)	66,844	75,912		(3)
New Jersey.....	6,344,027	329,960	836,968	905,101	306,774	161,650
New York.....	27,850,468	2,451,010	6,303,879	3,771,644	1,258,713	1,140,132
Ohio.....	3,449,866	773,935	1,108,783	266,820	(3)	(3)
Pennsylvania.....	7,250,198	470,657	3,755,766	891,225	90,887	33,945
All other States.....	2,000,867	507,176	600,617	248,921	35,689	964,629
STATE	Boys' overcoats and reefers	Work clothing, denim	Work clothing, other than denim	Waterproof clothing, rubberized and other	All other men's clothing	All other products
United States:						
1925.....	\$1,099,938	\$332,397	\$308,524	\$188,496	\$23,720,738	\$1,244,992
1923.....	2,420,370	1,285,703	628,916	200,282	26,772,505	1,526,875
California.....	(3)				537,030	
Illinois.....	(3)				2,707,078	477,042
Kentucky.....	(3)		(3)		214,177	
Maryland.....	(3)		(3)		1,116,442	(3)
Massachusetts.....	(3)		(3)	47,183	308,731	44,905
Missouri.....	(3)		(3)		61,485	
New Jersey.....	(3)			(3)	3,688,807	(3)
New York.....	778,007	(3)		(3)	11,492,970	510,960
Ohio.....	(3)		(3)		1,171,281	(3)
Pennsylvania.....	(3)	28,533	(3)		1,938,278	(3)
All other States.....	321,331	303,864	308,524	141,313	402,889	211,185

¹ Not including receipts for contract work on fur, fur-lined, and sheep-lined coats, which are classified in the fur-goods industry. (See Table 34.)

² In addition, \$3,449,870 for 1925 and \$3,231,018 for 1923 were reported as received for contract work on men's clothing by establishments other than contract shops in the men's clothing industry. Of these amounts, all that for 1925 and \$3,106,885 for 1923 represent the amounts received for contract work done by establishments engaged primarily in the manufacture of men's clothing from materials owned (regular factories).

³ Included with data for "All other States" to avoid disclosing operations of individual establishments.

TABLE 7.—WORK CLOTHING—GENERAL STATISTICS AND VALUE OF PRODUCTS,
BY CLASS, BY STATES: 1925

[The manufacture of work clothing is a branch of the men's-clothing industry. Statistics are given in this table for all States for which separate figures can be shown without disclosing operations of individual establishments. Certain of the "All other States," however, reported larger values of products than some of the States shown separately. See "Monthly statistics," Table 47, for distribution of garments, by kind of materials used.]

CLASS AND STATE	Number of establish- ments	PERSONS ENGAGED IN THE INDUSTRY			Horse- power	Salaries	Wages	Paid for contract work
		Total	Propri- tors and firm mem- bers	Salaried officers and em- ploy- ees				
United States—All factories	509	35,883	368	2,694	32,821	11,542	\$5,631,180	\$24,802,620
Regular factories	493	35,108	359	2,677	32,075	11,380	5,606,915	24,384,080
Contract shops	16	775	12	17	746	182	24,265	418,549
California	22	2,211	81	214	1,900	667	441,348	1,020,038
Connecticut	4	41	6	4	31	11	3,108	27,108
Georgia	20	2,868	5	188	2,225	588	323,035	1,180,959
Illinois	40	1,808	9	189	1,670	563	380,288	1,383,768
Indiana	34	2,210	20	200	1,975	706	460,665	1,430,694
Kansas	9	854	1	20	333	131	39,488	202,058
Kentucky	7	740	—	36	710	161	97,069	384,341
Maryland	13	977	21	70	886	260	125,194	708,576
Massachusetts	27	733	30	66	637	254	98,056	523,739
Michigan	10	1,194	8	116	1,070	800	231,774	1,052,807
Minnesota	13	985	4	79	902	298	143,882	800,770
Missouri	38	5,098	4	256	4,838	1,252	517,211	3,051,030
New Jersey	8	643	7	62	574	339	115,517	514,832
New York	44	1,513	41	111	1,391	504	215,600	1,457,886
Ohio	25	1,815	18	145	1,657	636	381,034	1,405,424
Pennsylvania	39	1,293	55	116	1,122	368	201,876	842,099
Tennessee	16	1,061	14	77	970	277	212,273	635,191
Texas	33	2,925	22	184	2,719	652	392,866	1,755,083
Utah	4	370	—	21	356	1,017	47,932	249,440
Virginia	12	1,021	7	56	959	370	113,486	535,717
Washington	4	436	7	23	405	134	40,565	384,265
Wisconsin	17	1,003	3	122	878	278	274,840	744,486
All other States ¹	70	4,988	51	384	4,548	1,287	702,018	2,983,127

See footnotes at end of table.

TABLE 7.—WORK CLOTHING—GENERAL STATISTICS AND VALUE OF PRODUCTS, BY CLASS, BY STATES: 1925—Continued

[See note at head of this table]

CLASS AND STATE	Cost of materials ²	VALUE OF PRODUCTS				Value added by manufacture ³
		Total	Work clothing, denim	Work clothing, other than denim	All other products	
United States—All factories	\$86,960,311	\$140,902,602	\$81,347,316	\$43,785,313	\$16,830,974	\$54,094,201
Regular factories	85,886,711	140,351,163	* \$1,014,018	* \$3,514,860	16,821,395	54,464,372
Contract shops	82,520	612,430	882,397	4,270,463	9,570	629,019
California	5,753,822	10,290,151	5,235,482	1,774,010	3,190,659	4,449,329
Connecticut	89,127	151,003	111,303	30,700	—	61,876
Georgia	4,375,275	7,080,453	3,949,127	2,044,825	405,501	2,714,178
Illinois	4,732,106	7,930,442	5,046,281	2,005,768	879,393	3,198,246
Indiana	5,053,728	8,302,355	4,987,040	2,027,045	778,271	3,338,628
Kansas	675,172	1,119,643	845,847	(*)	(*)	444,471
Kentucky	2,232,878	2,972,074	2,456,835	(*)	(*)	730,389
Maryland	3,963,017	5,861,634	3,034,753	1,500,917	1,225,964	1,888,617
Massachusetts	2,175,820	3,481,842	2,255,698	1,124,212	111,934	1,288,022
Michigan	3,002,636	5,300,244	3,767,598	780,496	762,150	2,297,708
Minnesota	2,860,010	4,192,604	2,139,604	1,007,022	955,188	1,832,404
Missouri	12,026,287	18,409,343	6,897,039	10,241,220	1,301,084	6,883,056
New Jersey	1,674,117	3,108,389	1,702,123	7,406,203	(*)	1,434,266
New York	4,505,412	7,850,730	2,844,025	4,330,438	676,207	3,345,518
Ohio	4,580,690	7,892,962	4,938,018	2,880,216	66,128	3,303,272
Pennsylvania	2,578,912	4,278,817	2,830,884	861,368	577,625	1,699,905
Tennessee	2,694,681	4,437,715	4,004,812	386,424	96,479	1,843,034
Texas	5,168,564	8,691,012	4,001,706	4,026,842	682,468	3,522,458
Utah	608,602	1,017,660	522,269	94,473	100,918	408,998
Virginia	2,428,609	3,570,304	3,118,571	(*)	(*)	1,141,606
Washington	1,041,471	1,895,055	1,623,478	397,617	474,000	853,024
Wisconsin	2,922,642	4,976,642	2,087,706	901,378	1,027,428	2,064,100
All other States ⁴	11,419,993	18,173,500	12,418,318	4,655,488	2,460,452	6,753,507

¹ Alabama, 10 establishments; Arkansas, 2; Colorado, 4; Florida, 1; Iowa, 10; Louisiana, 2; Maine, 3; Nebraska, 3; New Hampshire, 5; North Carolina, 10; Oklahoma, 3; Oregon, 2; Rhode Island, 1; Vermont, 5; West Virginia, 3.

² Includes also cost of fuel and electric power.

³ Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

⁴ In addition, denim work clothing, to the value of \$1,134,634 and work clothing other than denim to the value of \$1,302,934 were reported as secondary products by establishments engaged primarily in the manufacture of men's clothing other than work clothing.

⁵ In addition, \$38,061 was reported as received for contract work on work clothing other than denim by establishments engaged primarily in contract work on men's clothing other than work clothing.

⁶ Included with data for "All other States" to avoid disclosing operations of individual establishments.

⁷ Includes the value of a small amount of "All other products." (See footnote 8.)

⁸ Excludes data for 1 establishment to avoid disclosing its operations. Included in "Work clothing, other than denim."

TABLE 8.—CLOTHING, MEN'S, ALL FACTORIES, REGULAR FACTORIES, AND CONTRACT SHOPS—GENERAL STATISTICS, BY STATES: 1925

[This table presents, for each branch of the industry, statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain parts of the "All other States," however, reported larger values of products than some of the States shown separately.]

INDUSTRY AND STATE	PERSONS ENGAGED IN THE INDUSTRY				Salaries	Wages	Paid for contract work	Cost of materials	Value of products	Value added by manufacture 1
	Total	Proprietors and firm-members	Salaried officers and employees	Horse-power						
All Factories	4,000	203,072	4,847	174,332	44,759	\$47,862,026	\$203,847,350	\$84,890,188	\$557,470,520	\$1,087,237,742
United States										
Alabama	12	816	13	44	761	183	64,147	415,269	300	1,355,404
Arkansas	5	441	4	41	396	69	117,332	217,130	1,205,813	1,940,534
California	89	3,802	108	405	3,289	963	892,732	3,675,053	8,551,016	16,306,395
Colorado	6	480	3	45	432	108	132,266	413,734	1,005,211	1,535,116
Connecticut	30	1,232	39	100	1,143	187	176,400	1,605,372	1,188,212	5,400,260
Delaware	5	321	1	53	277	57	84,855	164,473	55,465	364,760
Georgia	23	6,651	5	151	2,495	620	339,135	1,290,559	1,180,000	4,753,874
Illinois	372	30,722	333	5,240	25,169	6,000	10,455,365	33,751,041	61,824,745	135,759,731
Indiana	46	3,817	41	345	3,485	1,251	765,557	2,768,159	17,913	7,725,938
Iowa	18	935	11	117	807	259	224,507	561,966	1,884	2,019,469
Kansas	9	354	1	20	333	151	39,488	202,958	111,701	675,172
Kentucky	44	3,750	30	232	3,528	1,203	771,314	2,825,048	25,855	7,366,973
Louisiana	16	4,669	9	94	1,566	98	230,296	627,728	301,342	856,929
Maine	11	423	5	24	384	90	6,206	9,660,451	54,624	1,457,870
Maryland	221	11,653	310	1,129	10,114	2,504	2,360,113	4,984,665	26,720,434	57,705,048
Massachusetts	206	7,089	225	644	6,230	1,504	1,267,027	6,947,901	1,832,526	17,625,313
Michigan	21	3,901	12	180	1,849	1,022	429,822	1,685,563	3,948	4,788,469
Minnesota	33	2,018	19	150	1,709	1,458	300,989	1,685,414	36,724	8,594,191
Missouri	96	5,293	45	790	4,458	2,656	1,891,821	7,449,988	702,852	23,147,480
Nebraska	10	91	10	19	196	31	33,350	154,884	176	429,933
New Hampshire	7	470	9	31	430	142	63,522	356,559	1,251,593	2,002,482
New Jersey	170	7,545	264	314	6,957	1,339	857,150	7,181,701	10,573,641	24,163,109
New York	1,714	60,402	2,408	8,065	49,128	11,628	16,331,189	73,668,666	67,298,209	285,265,380
North Carolina	11	1,106	3	52	1,051	229	10,517	607,144	2,575,860	5,754,739
Ohio	169	16,268	177	1,722	14,308	3,037	4,097,037	16,482,520	4,102,758	38,661,186

See footnotes at end of table

TABLE 18.—SHIRTS—GENERAL STATISTICS, BY STATES: 1925—Continued

[See note at head of this table]

STATE	Salaries	Wages	Paid for contract work	Cost of materials	Value of products	Value added by manufacturer ¹
United States	\$10,211,750	\$86,673,731	\$10,010,103	\$129,763,752	\$225,002,022	\$86,209,170
California	190,106	807,818	57,861	1,046,211	3,301,511	1,445,300
Connecticut	226,004	834,016	228,084	2,960,440	5,734,886	2,784,435
Delaware	2,764	78,642	—	15,500	107,163	61,653
Georgia	32,485	99,064	—	331,008	603,004	232,484
Illinois	269,487	824,063	180,226	2,147,374	4,186,731	2,039,367
Indiana	142,605	1,050,721	—	6,603,016	10,118,624	3,564,609
Iowa	19,909	95,148	8,647	224,630	585,588	300,963
Kansas	20,153	77,101	2,107	81,714	201,805	180,181
Kentucky	106,023	278,386	112,490	1,370,055	2,141,503	764,038
Louisiana	13,231	82,099	361	87,778	101,777	73,999
Maine	94,868	877,851	3,544	1,143,104	1,076,073	833,869
Maryland	310,158	1,700,007	495,984	0,470,500	11,370,076	4,900,476
Massachusetts	109,173	844,603	4,903	2,200,233	4,429,249	2,229,018
Michigan	101,033	866,523	—	1,000,512	1,009,528	900,010
Minnesota	178,517	416,243	35	1,275,755	2,297,122	951,267
Missouri	345,403	2,214,037	41,670	0,844,438	10,259,063	8,414,046
Nebraska	6,179	145,640	4,550	1,124,718	1,347,370	222,658
New Jersey	545,520	3,285,000	1,285,024	8,532,692	15,832,778	7,300,086
New York	3,830,508	11,104,743	11,037,295	53,028,421	94,010,733	40,683,312
Ohio	389,872	962,077	521	3,103,984	5,504,007	2,400,023
Oklahoma	10,176	39,762	—	75,180	200,080	124,900
Pennsylvania	1,727,431	7,680,063	1,728,040	21,055,599	38,870,572	17,214,073
Tennessee	103,485	867,273	27,018	1,095,232	2,447,618	762,586
Texas	9,847	51,723	7,600	100,038	268,604	108,666
Virginia	20,263	87,008	—	177,553	340,243	162,860
Washington	89,208	156,862	—	384,300	788,049	293,653
Wisconsin	172,044	467,277	—	1,080,551	2,082,430	985,885
All other States ²	127,512	886,861	107,747	2,568,600	3,763,764	1,193,248

¹ Not including 246 salaried officers and employees of central administrative offices, with salaries aggregating \$771,986. For purposes of comparison with the statistics published for earlier years, these figures should be added to those given in the table, making combined totals of 4,672 salaried officers and employees and \$6,988,745. (See "Central-administrative-office employees," p. 1103.)

² Alabama, 1 establishment; Colorado, 8; District of Columbia, 2; Idaho, 1; Mississippi, 1; New Hampshire, 1; North Carolina, 2; Oregon, 4; Rhode Island, 2; Utah, 1; Vermont, 3; West Virginia, 3; Wyoming, 1.

³ Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

⁴ In addition, shirts to the value of \$14,698,539 were reported as secondary products by establishments engaged primarily in other industries.

TABLE 8.—CLOTHING, MEN'S, ALL FACTORIES, REGULAR FactORIES, AND CONTRACT SHOPS—GENERAL STATISTICS, BY STATES:

1925—Continued

[See note at head of this table]

INDUSTRY AND STATE	Number of establish-ments	PERSONS ENGAGED IN THIS INDUSTRY				Cost of materials	Value of products	Value added by manufac-ture				
		Total	Proprietors and firm-members	Salaried officers and em-ployees	Wage earners (average number)	Horse-power	Salaries	Wages	Paid for contract work			
ALL Factories—Continued												
Oklahoma.....	3	182	13	160	57	\$30,000	\$116,671					
Oregon.....	9	723	4	636	290	126,182	653,291					
Pennsylvania.....	463	20,227	633	16,902	3,951	3,445,585	19,215,518					
Tennessee.....	26	2,232	22	2,093	553	301,306	8,490	\$2,032,293	53,141,927	101,336,738	3,631,311	1,543,902
Texas.....	43	3,193	30	2,862	684	443,659	1,916,114	234,515	4,802,275	8,338,913	3,356,643	1,133,900
Utah.....	4	376	21	355	1,017	47,932	249,446		5,624,784	9,755,694	4,081,985	1,017,600
Vermont.....	7	392	5	37	320	147	72,732	176,457				
Virginia.....	23	1,845	10	126	1,477	556	1,085,406	78,150	4,016,710	6,553,695	2,616,985	489,341
Washington.....	14	723	19	619	188	95,222	655,420	6,901	1,553,158	2,911,543	1,338,385	338,385
West Virginia.....	10	612	2	66	544	195	475,805	128,594	2,305,525	6,645,553	3,247,023	565,509
Wisconsin.....	39	2,734	19	291	424	565	850,705	2,428,805	193,882	6,156,862	11,755,472	5,865,472
All other States ⁴	6	491	7	19	465	57	34,305	235,626	1,188,988	1,188,988	1,662,900	478,902
REGULAR Factories												
United States.....	2,455	162,052	2,611	22,668	136,783	37,665	45,573,562	160,423,563	93,181,279	552,900,501	1,025,203,085	472,302,584
Alabama.....	12	818	13	44	761	183	64,147	415,269	300	1,305,404	2,351,632	1,026,226
Arkansas.....	5	441	4	41	386	60	117,332	215,130		1,940,534	7,734,721	1,176,176
California.....	52	3,319	3	400	2,432	103	3,117,586	3,117,586	297,618	15,623,381	7,142,176	702,156
Colorado.....	6	480	3	45	432	134	415,734	415,734		3,538,271	8,481,176	2,803,577
Connecticut.....	16	929	17	92	5,026	21,037	10,037,320	29,125,119	3,988,243	126,974,322	126,974,325	67,161,837
Illinois.....	186	26,203	95	5,039	2,342	1,228	758,209	2,693,133	17,213	13,652,317	5,917,348	5,311,547
Indiana.....	42	3,717	36	339	807	239	224,697	551,966	1,894	2,019,309	1,392,238	1,392,238
Iowa.....	18	925	11	117								
Kansas.....	9	354	1	20	222	3,087	131	38,453	202,958	675,172	1,119,643	444,471
Louisiana.....	27	3,319	10	94	1,457	1,130	761,684	2,494,497	111,701	7,349,355	12,075,832	4,726,477
Maryland.....	16	1,069	9	1,062	1,566	2,254	230,206	825,048		4,794,685	1,025,203,085	1,735,435
Massachusetts.....	128	9,237	184	1,063	7,981	2,229	2,089,230	7,844,334	1,785,234	26,610,972	54,771,336	25,160,914
Minnesota.....	139	5,650	135	603	4,912	1,252	1,184,471	5,081,988	1,830,255	17,222,905	31,755,800	14,522,905
Missouri.....	28	910	14	144	1,752	923	2,294,705	5,550,505	1,36,724	5,433,444	8,459,573	3,025,029
North Carolina.....	27	8382	27	782	8,173	2,665	1,977,498	7,152,306	675,477	23,169,053	38,889,917	15,782,904

WEARING APPAREL

CONTRACT SHOES		United States		1,545		41,020		1,235		37,549		7,084		2,288,463		43,423,787		1,708,909		4,570,019		62,034,657		37,464,838	
New Hampshire.....	7	31	470	9	31	45	3,239	7,623	22	2,403	3,416	210	2,984	2,329	3,556,589	3,356,339	3,356,589	1,251,598	2,002,492	1,225,622	7,750,894	7,625,082	205,604,992		
New Jersey.....	39	45	1,225	1,316	1,316	1,111	13,882	1,644	12	2,265	8,100	78	2,763	3,980	582	52,373,381	67,004,310	67,004,310	42,745,213	74,557,317	39,032,291	326,639,121	35,518,826	17,199,493	
New York.....	1	112	45	16,164	16,164	13	182	1,644	13	169	57	57	30,000	14,189,906	116,671	4,049,311	39,380,415	39,380,415	624,378	234,963	39,032,291	234,963	234,963	17,199,493	
Ohio.....	1	1	1,111	13,882	13,882	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Oklahoma.....	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Oregon.....	9	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Pennsylvania.....	450	450	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Tennessee.....	26	26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Utah.....	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Vermont.....	26	26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Washington.....	7	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
West Virginia.....	10	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Wisconsin.....	31	31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
All other States 1.....	135	135	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
United States.....	1,470	1,470	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

1 Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

A Not including 463 salaried officers and employees of central administrative offices, with salaries aggregating \$1,318,800. For purposes of comparison with the statistics of administrative offices of companies listed for earlier years, these figures should be added to those given in the table, making combined totals of 24,356 salaried officers and employees and \$47,180,884. (See "Central administrative office employees," p. 1183.)

2 See footnote 4, Table 7.

3 Arizona, 1 establishment; District of Columbia, 1; Florida, 1; Mississippi, 1; Rhode Island, 1.

4 Arizona, 1 establishment; Delaware, 1; District of Columbia, 1; Florida, 1; Georgia, 21; Maine, 9; Michigan, 19; Mississippi, 1; Nebraska, 8; North Carolina, 10; Rhode Island, 1; Texas, 40; Virginia, 22.

5 Delaware, establishments; Georgia, 2; Maine, 2; Michigan, 2; Nebraska, 2; North Carolina, 1; Texas, 3; Virginia, 1.

6 Missouri, 1.

CENSUS OF MANUFACTURES: 1925

TABLE 9.—CLOTHING, MEN'S, BUTTONHOLES—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

[Data for establishments with products under \$5,000 in value included for 1919 and 1914 but not for subsequent years. See sec. 10, p. 5]

YEAR OR PERIOD	Number of establish-ments	Wage earners (average number)	Wages	Paid for contract work	Cost of materials	Value of products	Value added by manufac-ture ¹	Horse-power
1925	30	827	\$346,855	\$3,000	\$71,047	\$658,064	\$587,017	87
1923	37	884	409,251	19,000	103,080	804,427	701,847	105
1921	37	820	347,978	7,150	77,406	846,047	568,841	(1)
1919	107	484	514,000	8,700	123,280	1,000,049	900,783	170
1914	139	672	326,322	524	90,012	637,723	547,716	205
PER CENT OF INCREASE OR DECREASE (—)								
1923-1925	(8)	-2.1	-15.2	-84.2	-81.1	-18.2	-16.3	-17.1
1921-1923	(8)	1.5	17.6	105.7	33.2	24.5	23.8	—
1921-1925	(4)	-6	-8	-58.0	-8.2	1.0	3.2	—
1914-1925	-78.4	-51.8	6.8	472.5	-21.1	8.2	7.2	-57.6

¹ Including also cost of fuel and electric power.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

³ Not called for on schedule.

⁴ This item differs slightly from the corresponding one published in the report for 1910 because of the exclusion here and the inclusion in the previous report of data for purchased power other than electric power generated outside the plant and transmitted into the plant by belt, cable, or shaft.

⁵ Not computed where base is less than 100.

TABLE 10.—CLOTHING, MEN'S, BUTTONHOLES—GENERAL STATISTICS, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments]

STATE	Number of establish-ments	PERSONS ENGAGED IN THE INDUSTRY				Horse-power
		Total	Proprietors and firm members	Salaried officers and em-ployees	Wage earners (average number)	
United States	30	377	86	14	327	87
New York	13	97	14	7	76	28
Ohio	7	185	8	1	123	42
Pennsylvania	5	117	8	5	104	9
All other States	5	23	6	1	21	8
STATE	Salaries	Wages	Paid for contract work	Cost of materials	Value of products	Value added by manufac-ture ¹
United States	\$32,383	\$346,855	\$3,000	\$71,047	\$658,064	\$587,017
New York	20,665	108,314	—	22,368	190,388	174,038
Ohio	1,838	119,878	—	20,705	277,711	251,006
Pennsylvania	7,510	90,600	8,000	7,604	130,350	122,746
All other States	2,340	22,003	—	14,380	53,607	39,227

¹ California, 1 establishment; Illinois, 1; Maryland, 8.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

TABLE 11.—COLLARS, MEN'S—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

[Data for establishments with products under \$5,000 in value included for 1919 and 1914 but not for subsequent years. See sec. 10, p. 5.]

YEAR OR PERIOD	Number of establishments	Wage earners (average number)	Wages	Paid for contract work	Cost of materials ¹	Value of products	Value added by manufacturer ²	Horse-power
1925	28	7,187	\$5,502,920	\$605,938	\$11,792,449	\$27,587,675	\$16,795,226	4,497
1923	37	10,449	7,959,700	1,467,183	18,369,580	42,686,218	24,298,638	5,050
1921	34	9,285	7,061,018	188,230	12,374,054	20,571,374	17,197,320	(3)
1919	30	11,103	7,430,729	977,963	19,434,095	47,504,949	28,180,564	4,276
1914	35	10,100	4,494,146	1,045,841	6,568,578	18,530,840	11,985,262	4,369

PER CENT OF INCREASE OR DECREASE (-)								
1923-1925	(6)	-31.2	-80.9	-58.7	-35.8	-35.3	-35.0	-11.0
1921-1923	(6)	12.5	12.7	679.5	48.5	44.3	41.3	-----
1921-1926	(6)	-22.0	-22.1	221.9	-4.7	-6.7	-8.2	-----
1914-1925	(6)	-28.8	22.4	-42.0	79.6	48.9	32.0	33.9

¹ Including also cost of fuel, electric power, and containers.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

³ Not called for on schedule.

⁴ These figures differ slightly from the corresponding ones published in the reports for 1919 and 1914 because of the exclusion here and the inclusion in the previous reports of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

⁵ Not computed where base is less than 100.

TABLE 12.—COLLARS, MEN'S—PRODUCTS, BY CLASS: 1925

[This table presents statistics for New York, the only State for which separate figures can be given without disclosing operations of individual establishments]

STATE	Total	Collars	All other products
United States:			
1925	\$27,587,675	\$21,388,054	\$6,199,621
1923	142,666,218	30,803,554	11,802,664
New York	20,161,244	20,238,282	5,923,012
All other States	1,426,431	1,149,822	276,609

¹ In addition, collars to the value of \$2,131,362 for 1925, and \$1,783,598 for 1923 were reported as secondary products by establishments engaged primarily in other industries.

² Of these amounts, \$6,554,848 for 1925 and \$10,798,268 for 1923 represent the values of miscellaneous products—shirts, men's underwear, etc.—normally belonging to other industries but made as secondary products by establishments engaged primarily in the manufacture of collars. The remainders consist principally of receipts for contract work.

TABLE 13.—COLLARS, MEN'S—GENERAL STATISTICS: 1925

[This table presents statistics for New York, the only State for which separate figures can be given without disclosing operations of individual establishments]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horse-power
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average number)	
United States.....	28	7,925	17	1,721	7,187	4,497
New York.....	21	7,680	15	685	6,980	4,115
All other States ¹	7	245	2	36	207	882

STATE	Salaries	Wages	Paid for contract work	Cost of materials	Value of products	Value added by manufacture ²
United States.....	\$1,127,382	\$5,502,920	\$605,938	\$11,702,449	\$27,587,075	\$15,795,220
New York.....	1,038,008	5,303,184	605,938	11,150,750	26,101,244	15,010,404
All other States ³	89,384	190,766	—	641,099	1,426,431	784,732

¹ Not including 80 salaried officers and employees of central administrative offices, with salaries aggregating \$155,844. For purposes of comparison with the statistics published for earlier years, these figures should be added to those given in the table, making combined totals of 810 salaried officers and employees and \$1,283,200. (See "Central-administrative-office employees," p. 1103.)

² Massachusetts, 2 establishments; Michigan, 1; Nebraska, 1; Ohio, 1; Pennsylvania, 2.

³ Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

⁴ See footnote¹, Table 12.

TABLE 14.—FURNISHING GOODS, MEN'S, NOT ELSEWHERE CLASSIFIED—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

[Data for establishments with products under \$5,000 in value included for 1919 and 1924 but not for subsequent years. See sec. 10, p. 5]

YEAR OR PERIOD	Number of establishments	Wage earners (average number)	Wages	Paid for contract work	Cost of materials ¹	Value of products	Value added by manufacture ²	Horse-power
1925.....	419	21,094	\$17,438,160	\$4,175,025	\$69,801,348	\$120,807,596	\$51,000,248	4,977
1923.....	454	18,958	14,810,103	3,820,608	57,230,870	102,951,087	45,714,808	5,470
1921.....	421	15,921	12,469,810	2,222,090	47,193,111	77,526,542	30,333,431	(8)
1919.....	487	18,944	13,552,808	1,754,400	64,743,012	107,834,695	42,000,783	4,659
1914.....	551	22,450	8,416,480	1,134,051	31,503,442	52,453,338	20,850,896	4,540

PER CENT OF INCREASE OR DECREASE (-)								
1923-1925.....	-7.7	11.3	17.7	9.3	22.1	17.4	11.6	-9.0
1921-1923.....	7.8	19.1	18.8	71.9	21.3	32.8	50.7	-----
1921-1925.....	-5	32.5	30.8	87.9	48.0	55.0	68.2	-----
1914-1925.....	-24.0	-6.1	107.2	207.9	121.1	130.4	144.5	-14.8

¹ Including also cost of fuel and electric power.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

³ Not called for on schedule.

⁴ These figures differ slightly from the corresponding ones published in the reports for 1919 and 1924 because of the exclusion here and the inclusion in the previous reports of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

TABLE 15.—FURNISHING GOODS, MEN'S, NOT ELSEWHERE CLASSIFIED—
PRODUCTS, BY CLASS, BY STATES: 1925

This table presents statistics for all States for which separate figures can be given, by class, without disclosing operations of individual establishments. One of the "All other States," however, reported larger values of some classes of products than one of the States shown separately]

STATE	Total	Neckwear	Underwear, athletic (made from woven fabric)	All other products, value, and receipts for contract work
United States	\$120,867,596	\$60,090,028	\$25,842,049	\$34,935,519
California	2,318,100	1,948,056	2,002,350	375,143
Connecticut	2,958,124		2,541,751	395,734
Illinois	7,885,527	4,271,552	3,222,155	1,072,224
Indiana	4,344,523	(6)	(6)	(6)
Maryland	13,700,088	1,138,958	9,431,677	3,224,453
Massachusetts	4,308,923	3,170,026	(6)	(6)
Missouri	2,739,528	2,284,553	(6)	(6)
New Jersey	11,025,410	(6)	(6)	10,369,940
New York	50,052,350	38,070,233	3,020,800	8,355,317
Ohio	2,315,459	1,853,675	(6)	(6)
Pennsylvania	10,926,174	3,806,337	1,190,481	5,933,356
Rhode Island	1,115,889			1,115,889
All other States	7,084,404	2,957,630	4,366,795	3,598,463

¹ Includes value of "Underwear, other than athletic, made from woven fabric," to avoid disclosing operations of individual establishments.

² In addition, men's furnishing goods (unclassified) to the value of \$9,171,783 were reported as secondary products by establishments engaged primarily in other industries.

³ Clothier neckties. In addition, the value of neckties made in knit-goods establishments was reported as \$8,000,052.

⁴ Of this amount, \$2,570,978 represents the value of miscellaneous products—men's and women's clothing, shirts, suspenders, etc.—normally belonging to other industries but made as secondary products by establishments engaged primarily in the manufacture of men's furnishing goods. The remainder (\$32,304,611) represents the value of men's handkerchiefs, pajamas, night shirts, bath robes, etc., and receipts for contract work for which separate data were not collected.

⁵ Included with data for "All other States" to avoid disclosing operations of individual establishments,

TABLE 16.—FURNISHING GOODS, MEN'S, NOT ELSEWHERE CLASSIFIED—
GENERAL STATISTICS, BY STATES: 1925

This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the "All other States," however, reported larger values of products than some of the States shown separately]

STATE	Number of establish- ments	PERSONS ENGAGED IN THE INDUSTRY				
		Total	Propri- tors and firm mem- bers	Salaried officers and em- ployees	Wage earners (average number)	Horse- power
United States	419	23,837	325	12,418	21,094	4,977
California	10	375	9	87	279	35
Connecticut	8	721	1	50	670	103
Georgia	3	84	3	21	60	30
Illinois	27	1,761	26	211	1,524	503
Indiana	7	1,088	1	72	1,015	402
Maryland	25	4,096	8	243	3,845	1,177
Massachusetts	19	978	15	97	868	149
Michigan	4	124	4	14	106	29
Missouri	11	598	5	95	433	97
New Jersey	37	2,854	18	288	2,553	544
New York	181	5,687	184	858	4,646	762
North Carolina	4	508	1	12	495	135
Ohio	9	415	1	57	357	145
Pennsylvania	47	2,022	40	182	2,700	580
Rhode Island	4	171	3	11	157	29
All other States ¹	23	1,520	11	120	1,389	367

See footnotes at end of table

TABLE 16.—FURNISHING GOODS, MEN'S, NOT ELSEWHERE CLASSIFIED—
GENERAL STATISTICS, BY STATES: 1925—Continued

(See note at head of this table)

STATE	Salaries	Wages	Paid for contract work	Cost of materials	Value of products	Value added by manufacture ^a
United States	\$5,170,614	\$17,488,160	\$4,175,025	\$69,861,343	\$120,867,506	\$51,006,248
California	134,056	284,707	49,913	1,397,359	2,918,199	920,340
Connecticut	97,384	373,585	288,026	1,655,417	2,958,124	1,302,707
Georgia	80,162	33,285		128,088	247,806	118,818
Illinois	339,397	1,222,048	11,350	4,903,055	7,885,627	2,082,472
Indiana	111,110	787,148		2,462,254	4,344,523	1,882,260
Maryland	504,702	2,341,987	265,765	6,805,613	13,790,088	6,894,475
Massachusetts	263,021	602,911	140,527	2,151,133	4,308,623	2,157,790
Michigan	48,080	82,044	16,010	405,329	670,788	271,459
Missouri	262,802	348,896	8,426	1,690,411	2,739,526	1,040,115
New Jersey	497,769	1,698,487	779,904	5,760,356	11,025,410	5,205,054
New York	2,228,244	6,245,071	2,000,338	30,271,544	50,052,350	10,780,806
North Carolina	32,905	228,447		596,888	898,933	302,100
Ohio	98,470	319,403	3,536	1,321,801	2,315,450	963,658
Pennsylvania	271,709	1,785,611	446,932	6,009,446	10,920,174	4,310,728
Rhode Island	31,616	62,830	132,679	698,270	1,115,889	417,619
All other States ^b	264,104	653,330	1,404	2,912,689	5,260,827	2,347,838

^a Not including 57 salaried officers and employees of central administrative offices, with salaries aggregating \$169,506. For purposes of comparison with the statistics published for earlier years, these figures should be added to those given in the table, making combined totals of 2,475 salaried officers and employees and \$5,339,120. (See "Central-administrative-office employees," p. 193.)

^b Delaware, 3 establishments; Iowa, 2; Kentucky, 2; Louisiana, 2; Maine, 1; Minnesota, 1; Nebraska, 2; Oregon, 1; South Carolina, 1; Texas, 2; Vermont, 2; Washington, 2; Wisconsin, 2.

^c Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

^d See footnote 2, Table 16.

TABLE 17.—SHIRTS—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

Data for establishments with products under \$5,000 in value included for 1919 and 1914 but not for subsequent years. (See sec. 10, p. 5.)

YEAR OR PERIOD	Number of establishments	Wage earners (average number)	Wages	Paid for contract work	Cost of materials ^a	Value of products	Value added by manufacture ^b	Horsepower
1925	840	49,864	\$35,673,731	\$16,019,163	\$129,758,752	\$225,062,922	\$96,200,170	13,884
1923	934	61,672	37,948,405	17,304,475	130,354,361	241,331,226	101,970,865	14,050
1921	860	45,427	33,182,632	18,082,968	123,250,180	203,944,376	80,685,156	(3)
1916	896	39,693	25,833,865	10,991,200	127,087,745	205,327,133	78,239,388	14,893
1914	792	51,872	10,180,607	5,973,892	50,004,974	95,815,013	45,150,039	17,117

PER CENT OF INCREASE OR DECREASE (-)

1923-1925	-10.1	-8.5	-6.0	-7.7	-6.0	-6.4	-5.7	-1.2
1921-1923	8.0	13.7	14.3	24.2	13.1	18.3	23.4	-----
1921-1926	-2.3	0.8	7.6	14.6	5.3	10.8	19.2	-----
1914-1925	6.1	-4.1	80.1	108.2	156.1	135.8	118.1	-18.9

^a Including also cost of fuel and electric power.

^b Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

^c Not called for on schedule.

^d These figures differ slightly from the corresponding ones published in the reports for 1919 and 1914 because of the exclusion here and the inclusion in the previous reports of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

TABLE 18.—SHIRTS—GENERAL STATISTICS, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the "All other States," however, reported a larger value of products than some of the States shown separately.]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horse-power
		Total	Proprietors and firm-members	Salaried officers and employees	Wage earners (average number)	
United States	840	54,904	614	14,426	40,864	13,884
California	22	934	22	70	842	216
Connecticut	16	1,456	9	115	1,332	572
Delaware	4	123	4	8	115	24
Georgia	5	270	7	21	242	131
Illinois	34	1,230	21	140	1,069	287
Indiana	20	2,688	2	86	2,600	402
Iowa	5	175	4	19	152	65
Kansas	8	71	1	13	57	11
Kentucky	5	585	5	88	542	115
Louisiana	4	66	1	7	48	23
Maine	9	674	2	36	630	101
Maryland	42	3,610	35	163	3,412	1,151
Massachusetts	13	1,270	1	73	1,196	223
Michigan	13	878	6	44	828	95
Minnesota	8	544	4	120	420	90
Missouri	25	8,654	8	193	8,453	1,170
Nebraska	7	283	4	7	272	38
New Jersey	44	3,887	40	262	3,595	853
New York	288	14,856	264	1,077	12,915	3,836
Ohio	27	1,582	16	181	1,375	300
Oklahoma	4	64	3	12	49	16
Pennsylvania	183	13,533	122	897	12,514	2,367
Tennessee	10	742	1	60	681	233
Texas	8	123	5	6	112	24
Virginia	6	262	4	16	242	64
Washington	6	202	5	28	169	29
Wisconsin	9	643	5	76	562	202
All other States	25	809	13	63	733	1,023

See footnotes at end of table

TABLE 19.—CLOTHING, WOMEN'S, ALL FACTORIES, REGULAR FACTORIES, AND CONTRACT SHOPS—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

[Data for establishments with products under \$5,000 in value included for 1919 and 1914 but not for subsequent years. See sec. 10, p. 5.]

	Number of establish- ments	Wage earners (aver- age num- ber)	Wages	Paid for contract work	Cost of materials	Value of products	Value added by manufac- ture ¹	Horse- power
ALL FACTORIES								
1925	8,127	126,480	\$175,044,511	\$128,523,824	\$724,298,974	\$1,293,705,291	\$569,406,317	24,316
1923	7,040	183,195	176,446,518	143,749,263	809,600,802	1,406,683,835	697,123,033	27,704
1921	7,001	144,865	185,082,108	61,520,585	567,810,452	1,024,742,706	464,932,344	(6)
1919	7,711	165,040	195,295,834	52,420,167	680,400,844	1,208,543,128	528,136,284	32,421
1914	5,504	108,907	92,573,642	15,843,554	252,345,040	473,888,354	221,543,314	27,874
Per cent of in- crease or decrease (-):								
1923-1925	-13.0	-5.1	-0.8	-10.6	-10.5	-8.0	-4.6	-12.2
1921-1923	-2	-8.1	-4.7	133.6	42.6	37.5	31.3	-----
1921-1925	-13.2	-12.7	-5.4	108.9	27.6	26.5	25.2	-----
1914-1925	10.1	-25.1	89.1	711.2	187.0	173.0	157.0	-12.8
REGULAR FAC- TORIES								
1925	4,230	90,525	\$138,092,124	\$127,422,778	\$718,512,427	\$1,232,879,605	\$514,067,178	18,784
1923	5,456	112,132	150,780,306	142,587,989	804,328,452	1,361,272,616	566,944,507	22,872
1921	5,471	124,503	160,605,724	60,404,500	664,077,120	978,925,817	414,848,691	(6)
1919	5,518	139,007	162,973,102	50,810,302	669,071,033	1,146,312,348	477,241,318	26,667
1914	4,470	151,950	86,808,447	15,762,550	251,320,041	462,005,315	210,675,074	24,663
Per cent of in- crease or decrease (-):								
1923-1925	-22.5	-11.2	-8.4	-10.6	-10.7	-9.5	-7.7	-17.9
1921-1923	-3	-0.9	-6.1	136.1	42.6	39.1	34.3	-----
1921-1925	-22.7	-20.1	-14.1	110.9	27.4	25.9	23.9	-----
1914-1925	-5.4	-34.5	60.8	708.4	185.9	106.8	144.0	-23.5
CONTRACT SHOPS								
1925	1,807	26,941	\$36,952,387	\$1,101,040	\$5,786,547	\$61,125,686	\$55,339,130	5,582
1923	1,500	21,063	25,050,152	1,161,204	5,232,003	45,411,189	40,178,526	4,832
1921	1,580	20,302	24,410,384	1,121,976	8,783,320	43,816,979	40,083,058	(6)
1919	2,196	26,552	32,322,732	1,609,866	11,385,811	62,230,782	50,894,971	5,754
1914	1,094	16,967	6,705,195	80,998	1,015,399	11,883,039	10,867,640	3,311
Per cent of in- crease or decrease (-):								
1923-1925	10.3	27.9	44.0	-5.2	10.6	34.0	37.7	14.5
1921-1923		3.4	5.1	3.5	40.2	3.6	2	-----
1921-1925	10.3	32.3	51.8	-1.9	55.0	30.5	38.1	-----
1914-1925	73.4	68.0	451.1	(6)	469.0	414.4	409.2	67.1

¹ Including also cost of fuel and electric power.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

³ Not called for on schedule.

⁴ These figures differ from the corresponding ones published in the reports for 1919 and 1914 because of the exclusion here and the inclusion in the previous reports of data for purchased power other than electric. (See footnote 1, Table 21.)

⁵ Percentages higher than 1,000 are not shown.

TABLE 20.—CLOTHING, WOMEN'S; ALL FACTORIES—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925

[Some of the States for which no figures are given in this table reported larger numbers of wage earners than some of those for which statistics are shown. See headnote, Table 26, p. 347.]

STATE	Average number employed during year	NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY					
		January	February	March	April	May	June
United States:							
1925	126,466	124,444	135,132	140,694	134,831	121,702	112,771
1923	133,195	130,278	133,738	145,916	142,906	134,286	124,246
1921	144,865	130,468	145,599	156,185	152,965	144,718	140,503
1919	165,849	148,980	153,523	160,844	161,289	152,892	155,483
California	2,974	2,784	3,087	3,188	3,212	2,849	2,711
Colorado	100	93	118	111	110	107	106
Connecticut	2,007	1,777	2,111	2,222	2,161	2,127	2,091
Georgia	259	230	289	295	292	269	262
Illinois	7,477	7,334	7,648	8,238	8,217	7,901	7,066
Indiana	1,081	864	981	1,113	1,232	1,237	1,245
Iowa	68	55	65	88	99	85	75
Kentucky	117	130	131	138	137	134	112
Louisiana	68	65	65	69	68	68	83
Maine	69	75	73	75	80	81	81
Maryland	2,756	2,573	2,770	2,871	2,860	2,814	2,722
Massachusetts	4,435	4,432	4,578	4,724	4,700	4,577	4,509
Michigan	845	775	816	844	884	821	844
Minnesota	619	499	633	768	741	719	649
Missouri	3,145	3,006	3,241	3,424	3,357	3,154	3,002
New Hampshire	107	96	113	115	110	103	99
New Jersey	5,319	5,312	5,528	5,621	5,554	5,157	4,928
New York	77,350	77,201	84,057	87,301	82,016	71,224	65,151
Ohio	4,330	4,282	4,845	4,877	4,707	4,308	3,927
Oregon	200	129	194	232	229	221	179
Pennsylvania	10,063	9,841	10,574	11,046	10,818	10,486	10,008
Tennessee	321	364	404	361	388	286	233
Texas	490	443	511	533	546	510	406
Vermont	254	253	280	288	200	289	238
Virginia	194	158	199	220	227	197	171
Washington	290	260	292	319	322	343	316
West Virginia	881	310	330	356	300	368	368
Wisconsin	569	568	643	671	698	677	637

See footnote at end of table

TABLE 20.—CLOTHING, WOMEN'S, ALL FACTORIES—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925—Continued

[See note at head of this table]

STATE	NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY					
	July	August	Septem- ber	October	November	Decem- ber
United States:						
1925 ¹	110,705	121,164	132,364	135,719	127,046	119,928
1923 ¹	120,540	120,220	138,839	142,624	130,235	120,496
1921 ¹	143,800	150,951	155,059	151,675	139,980	127,378
1919 ¹	160,702	180,045	184,769	179,919	172,145	171,027
California	2,702	2,842	3,046	3,213	3,033	2,925
Colorado	118	97	97	88	102	119
Connecticut	1,953	1,046	2,093	2,185	2,114	2,077
Georgia	240	239	275	277	225	210
Illinois	6,821	6,757	7,364	7,006	7,376	7,094
Indiana	1,008	967	980	1,064	1,076	1,126
Iowa	49	58	66	76	54	48
Kentucky	113	84	82	107	117	123
Louisiana	66	48	50	70	79	86
Maine	61	56	59	62	62	61
Maryland	2,750	2,770	2,706	2,802	2,787	2,553
Massachusetts	3,968	4,068	4,481	4,555	4,534	4,411
Michigan	868	840	866	883	865	871
Minnesota	644	612	599	520	522	533
Missouri	3,028	3,079	3,235	3,255	2,924	2,945
New Hampshire	102	110	115	112	107	99
New Jersey	4,728	4,032	5,493	5,603	5,552	5,384
New York	65,033	74,970	83,205	86,273	79,613	78,255
Ohio	4,314	4,526	4,408	4,291	4,001	3,546
Oregon	123	185	229	248	217	216
Pennsylvania	9,135	9,206	9,866	10,000	9,641	9,418
Tennessee	233	202	335	353	343	305
Texas	427	428	558	545	470	441
Vermont	211	190	208	230	255	295
Virginia	236	198	178	191	180	168
Washington	283	280	309	317	270	275
West Virginia	376	376	375	372	366	379
Wisconsin	673	445	479	474	475	482

¹ Month of maximum employment indicated by bold-faced figures and that of minimum employment by italic figures. Per cent which minimum forms of maximum: 1925, 78.7; 1923, 82.6; 1921, 82.1; 1919, 79.1.

TABLE 21.—CLOTHING, WOMEN'S; ALL FACTORIES, REGULAR FACTORIES, AND CONTRACT SHOPS; PRIME MOVERS, GENERATORS, AND MOTORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1925, 1923, AND 1919

[No data in regard to prime movers were collected for 1921]

TYPE	1925		1923		1919	
	Number	Capacity	Number	Capacity	Number	Capacity
ALL Factories						
Prime movers, total	19,371	Horse-power 24,316	22,470	Horse-power 27,704	23,784	Horse-power 32,421
Steam engines	6	458	15	970	28	2,283
Steam turbines	1	1	16	340	43	529
Internal-combustion engines	17	274	20	—	8	76
Water wheels and turbines	7	20	—	—	—	—
Electric motors driven by purchased current	19,340	28,563	22,430	20,888	23,710	29,634
Electric motors, total	19,390	23,708	22,509	26,575	23,701	20,937
Driven by purchased current	10,340	23,563	22,430	26,388	23,710	20,534
Driven by current generated in establishment reporting	50	145 Kilo-watts	70	187 Kilo-watts	51	403 Kilo-watts
Electric generators	2	110 (*)	(*)	(*)	(*)	(*)
REGULAR Factories						
Prime movers, total	14,949	Horse-power 18,784	18,912	Horse-power 22,872	18,558	Horse-power 26,067
Steam engines	5	438	15	970	25	2,265
Steam turbines	1	1	11	286	28	423
Internal-combustion engines	13	226	—	—	3	76
Water wheels and turbines	5	15	—	—	—	—
Electric motors driven by purchased current	14,925	18,104	18,880	21,030	18,502	23,914
Electric motors, total	14,975	18,249	18,956	21,828	18,553	24,317
Driven by purchased current	14,925	18,104	18,880	21,630	18,502	23,914
Driven by current generated in establishment reporting	50	145 Kilo-watts	70	187 Kilo-watts	51	403 Kilo-watts
Electric generators	2	110 (*)	(*)	(*)	(*)	(*)
CONTRACT SHOPS						
Prime movers, total	4,422	Horse-power 5,532	3,558	Horse-power 4,832	5,226	Horse-power 5,754
Steam engines	1	20	—	—	3	28
Steam turbines	—	—	5	80	15	106
Internal-combustion engines	4	48	—	—	—	—
Water wheels and turbines	2	5	—	—	—	—
Electric motors driven by purchased current	4,415	5,450	3,553	4,752	5,208	5,620
Electric motors, total	4,415	5,450	3,553	4,752	5,208	5,620
Driven by purchased current	4,415	5,450	3,553	4,752	5,208	5,620
Driven by current generated in establishment reporting	—	—	—	—	—	—
Electric generators	—	—	(*)	(*)	(*)	(*)

¹ These totals differ from those given in the report for 1919 because of the exclusion here and the inclusion in the 1919 report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

² Not called for on schedule.

TABLE 22.—CLOTHING, WOMEN'S, REGULAR FactORIES—VALUE OF PRODUCTS, BY CLASS, BY STATES: 1925, 1926, AND 1923

[This table presents statistics for all States for which separate figures can be given, by class, without disclosing operations of individual establishments. Certain of the "All other States," however, reported larger values of some classes of products than some of the States shown separately]

STATE	Total	Suits	Dresses, including house dresses	Coats
United States:				
1925	\$1,232,570,605	\$34,916,591	\$585,157,477	\$400,377,866
1923	2,1,361,272,616	96,501,600	514,441,739	376,888,106
California	18,814,839	825,600	6,802,195	3,649,020
Connecticut	4,974,614		1,611,467	
Georgia	1,117,713		1,117,713	
Illinois	55,039,947	1,535,040	32,497,155	9,727,884
Indiana	4,016,268		2,338,143	
Maryland	13,238,042	(*)	2,344,331	4,980,560
Massachusetts	26,779,507	327,856	14,761,942	4,043,183
Michigan	3,815,417	(*)	2,285,847	
Minnesota	2,318,735		790,930	
New Jersey	12,376,280	604,623	3,930,601	1,853,389
New York	972,505,017	29,591,771	455,708,892	348,751,634
Ohio	33,555,852	728,275	12,632,749	10,415,754
Pennsylvania	50,609,127	683,027	28,801,201	6,868,873
Texas	1,392,600		1,065,108	
Washington	1,010,578	(*)	843,830	237,626
Wisconsin	2,787,418	(*)	1,490,847	(*)
All other States	27,620,601	620,900	10,139,938	4,200,934

STATE	Skirts	Blouses and shirt waists	Undergarments and petticoats	All other women's clothing	All other products
United States:					
1925	\$3,523,718	\$13,411,604	\$117,512,925	\$68,106,539	\$9,572,885
1923	31,554,490	63,083,533	113,612,602	130,562,723	4,027,784
California	(*)	450,511	2,710,705	3,725,808	(*)
Connecticut	(*)		2,203,097	1,001,115	(*)
Georgia	(*)				
Illinois	(*)	289,744	7,430,787	3,187,303	(*)
Indiana	(*)		506,248	(*)	(*)
Maryland	(*)	467,467	350,450	5,000,405	(*)
Massachusetts	63,204	163,418	4,724,627	2,324,083	366,284
Michigan	(*)		(*)	1,303,256	(*)
Minnesota	(*)		1,176,409	322,399	(*)
New Jersey	(*)	147,450	4,401,234	1,557,601	(*)
New York	2,624,388	9,453,858	80,585,035	39,658,369	6,135,180
Ohio	(*)	(*)	2,993,320	566,087	(*)
Pennsylvania	345,390	2,015,216	6,087,801	5,040,770	760,848
Texas	(*)		(*)	(*)	(*)
Washington	(*)		(*)	209,473	
Wisconsin	(*)	(*)	(*)	242,401	(*)
All other States	490,730	418,940	4,146,722	3,925,019	2,304,578

¹Not including fur and fur-lined coats, which are classified in the fur-goods industry. (See Table 34.)
²In addition, women's clothing to the value of \$4,013,149 for 1925, and \$3,532,318 for 1923, was reported as secondary products by establishments other than regular factories in the women's-clothing industry. Of these amounts, \$441,039 for 1925, and \$496,568 for 1923, represent the value of women's clothing reported as made from materials owned by establishments engaged primarily in contract work on women's clothing.

³Included with data for "All other States" to avoid disclosing operations of individual establishments.

⁴Miscellaneous men's clothing, men's shirts, men's furnishing goods, elastic goods, fur goods, corsets, millinery and lace goods, knit goods, receipts for contract work on women's clothing (\$2,988,571), and miscellaneous products.

TABLE 23.—CLOTHING, WOMEN'S, CONTRACT SHOPS—AMOUNTS RECEIVED FOR WORK DONE, BY CLASS OF PRODUCTS, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. One of the "All other States," however, reported larger receipts for some classes of work than some of the States shown separately.]

STATE	Total	Suits	Dresses, including house dresses	Conts ¹
United States:				
1925	\$81,125,580	\$1,610,913	\$34,555,504	\$10,824,327
1923	45,411,189	2,784,781	24,118,099	9,485,134
Connecticut	1,133,228	(1)	583,767	(1)
Maryland	180,122	(1)	(1)	(1)
Massachusetts	517,786	(1)	305,931	83,407
New Jersey	8,576,465	(1)	1,032,041	444,610
New York	53,143,143	1,500,007	30,420,358	18,511,228
Ohio	318,716	(1)	82,966	214,448
Pennsylvania	1,802,171	(1)	953,839	228,439
All other States	459,056	110,810	210,502	882,165

STATE	Skirts	Blouses and shirt waists	Undergarments and petticoats	All other women's clothing	All other products ⁴
United States:					
1925	\$444,026	\$751,453	\$1,342,000	\$2,117,218	\$478,736
1923	1,220,089	2,086,498	1,304,984	3,783,135	527,969
Connecticut		171,737	(1)	147,206	
Maryland				102,427	
Massachusetts	(1)	(1)		43,168	(1)
New Jersey	(1)	(1)	526,170	474,802	
New York	300,047	419,899	650,242	780,174	463,098
Ohio			(1)	511,078	(1)
Pennsylvania	48,570	159,817	180,497	68,303	25,638
All other States					

¹ Not including receipts for work done on fur and fur-lined coats, which are classified in the fur-goods industry. (See Table 84.)

² In addition, \$2,988,671 for 1925 and \$2,490,983 for 1923 was reported as received for contract work on women's clothing by establishments other than contract shops in the women's-clothing industry. Of these sums, all that for 1925 and \$2,438,775 for 1923 represent the amounts received for contract work done by establishments engaged primarily in the manufacture of women's clothing from materials owned (regular factories).

³ Included with data for "All other States" to avoid disclosing operations of individual establishments.

⁴ Includes value of women's clothing made from materials owned (\$441,039 for 1925 and \$496,500 for 1923) and receipts for contract work on men's shirts and coats, embroidering, etc.

TABLE 24.—CLOTHING, WOMEN'S, ALL FACTORIES—SUMMARY FOR LEADING STATES: 1925, 1923, AND 1921

STATE	NUMBER OF ESTABLISHMENTS				WAGE EARNERS (AVERAGE NUMBER)				WAGES				VALUE OF PRODUCTS			
	1925	1923	1921	1925	1923	1921	1925	1923	1921	1925	1923	1921	1925	1923	1921	
United States	6,127	7,046	7,061	126,466	133,195	144,865	\$175,044	511	100.0	\$176,445	518	100.0	\$1,283,705	291	\$1,406,683	885
Per cent of total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Leading States	5,882	6,704	6,807	117,804	125,597	137,209	168,903	798	94.7	170,378	96.8	97.0	1,261,701	148	1,376,021	532
Per cent of total	96.0	96.4	96.4	93.2	94.3	94.7	95.0	96.2	97.3	96.8	97.0	97.5	95.5	97.8	95.5	97.4
All other States ¹	245	252	254	8,662	7,598	7,656	6,140	713	5.3	5,567	383	3.5	5,596	682	30,662	308
Per cent of total	4.0	3.6	3.6	6.8	5.7	5.7	3.5	3.5	3.5	3.2	3.2	3.0	3.0	2.5	2.2	2.6
<i>Leading States</i>																
New York	4,365	5,012	4,986	77,359	81,437	91,767	126,061	218	72.0	126,204	386	71.5	1,025,648	160	1,123,349	691
Per cent of total	71.3	71.2	70.8	70.8	61.2	61.1	63.3	63.3	63.3	72.5	72.5	72.5	70.2	70.2	70.9	70.9
Illinois	321	337	336	7,477	8,045	7,897	9,536	124	5.4	9,813	173	5.6	55,298	759	59,255	486
Per cent of total	5.2	5.6	4.8	5.9	6.1	5.5	5.4	5.4	5.4	5.1	5.1	5.1	4.3	4.2	4.2	4.6
Pennsylvania	383	454	516	10,008	11,100	11,770	9,188	153	5.3	9,441	157	6.0	52,411	375	60,523	387
Per cent of total	5.4	6.4	7.3	7.9	8.3	8.1	8.1	8.1	8.1	5.6	5.6	6.0	4.1	4.1	4.3	5.6
Ohio	123	112	134	4,336	5,029	5,318	5,527	523	3.7	5,974	955	3.4	33,869	588	38,974	539
Per cent of total	2.0	1.6	1.9	3.4	3.8	3.7	3.2	3.2	3.2	3.6	3.6	3.6	2.6	2.6	2.8	3.4
Massachusetts	223	279	249	4,425	5,195	5,294	5,075	577	5.5	5,749	554	5.3	27,297	383	29,778	109
Per cent of total	3.8	4.0	3.5	4.2	3.9	3.6	3.5	3.5	3.5	3.3	3.3	3.3	2.1	2.1	2.1	2.3
Missouri	82	86	91	3,145	2,916	2,887	3,210	944	2.0	2,833	901	1.8	2,676	412	18,942	376
Per cent of total	1.3	1.2	1.3	2.5	2.2	2.2	2.0	2.0	2.0	1.6	1.6	1.4	1.5	1.5	1.3	1.3
California	181	156	183	2,974	3,075	3,761	3,402	538	2.6	3,051	550	2.0	3,628	823	18,861	79
Per cent of total	3.0	2.2	2.6	2.4	2.3	2.3	2.4	2.4	2.3	2.0	2.0	1.7	2.0	1.5	1.2	1.6
New Jersey	116	213	200	5,319	5,622	5,252	4,721	085	4.2	4,792	060	2.7	4,216	922	15,952	745
Per cent of total	2.9	3.0	2.8	4.2	4.2	3.6	3.6	3.6	3.6	2.7	2.7	2.7	1.2	1.2	1.2	1.4
Maryland	68	85	102	2,756	3,175	3,293	2,115	636	2.2	2,517	749	2.3	2,378	158	13,419	684
Per cent of total	1.1	1.2	1.4	2.2	2.4	2.3	1.2	1.2	1.2	1.4	1.4	1.3	1.0	1.0	1.0	1.3

¹ Alabama, Arkansas, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Michigan, Minnesota, Montana, Nebraska, New Hampshire, North Carolina, Oregon, Rhode Island, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin.

TABLE 25.—CLOTHING, WOMEN'S, ALL FACTORIES—SUMMARY FOR PRINCIPAL CITIES: 1925, 1923, AND 1921

CITY	NUMBER OF ESTABLISHMENTS				WAGE EARNERS (AVERAGE NUMBER)				WAGES				VALUE OF PRODUCTS			
	1925		1923		1921		1925		1923		1921		1925		1923	
	1925	1923	1925	1923	1925	1923	1925	1923	1925	1923	1925	1923	1925	1923	1925	1923
United States	5,127	7,046	7,061	100.0	126,466	123,195	144,865	100.0	\$175,044,511	\$176,445,518	\$185,082,108	\$1,283,705,261	\$1,406,683,835	\$1,022,427,796	100.0	
Per cent of total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Principal cities	5,231	6,128	6,116	86.2	97,320	104,669	116,442	80.4	152,381,756	153,354,834	163,433,924	1,186,174,480	1,300,294,256	928,326,880	90.8	
Per cent of total	86.2	87.0	86.6	87.0	77.2	78.6	87.0	80.4	88.0	88.3	88.3	91.7	91.7	92.4	90.8	90.8
Remainder of United States	846	917	945	13.8	28,846	28,526	28,423	21.4	22,682,935	23,050,694	21,645,184	107,530,811	106,389,579	94,416,116	9.2	9.2
Per cent of total	13.8	13.0	13.4	13.0	22.8	21.4	19.6	21.4	13.1	13.1	11.7	8.3	8.3	7.5	9.2	9.2
Principal cities	4,227	4,878	4,845	59.2	72,428	76,388	86,540	57.3	122,249,472	121,499,928	130,473,239	1,008,986,387	1,110,121,677	759,627,929	74.3	
New York	298	372	315	5.3	6,531	7,004	6,976	5.2	6,974,206	9,043,581	8,670,502	51,369,723	54,588,889	42,886,588	3.9	
Per cent of total	4.9	5.3	5.3	5.3	5.3	5.3	4.8	5.0	5.0	5.1	4.7	4.0	4.0	3.9	4.2	4.2
Chicago	280	382	439	5.4	5,894	7,600	8,310	5.7	6,565,033	7,850,691	8,967,750	40,531,751	49,237,439	49,907,335	4.9	
Per cent of total	4.2	5.4	6.2	5.4	4.7	5.7	5.7	5.7	5.7	4.5	4.8	3.1	3.5	3.5	4.9	4.9
Philadelphia	69	99	77	1.6	2,654	3,057	3,681	1.6	3,855,442	4,216,957	5,010,322	23,582,628	27,442,282	25,488,242	1.6	
Per cent of total	1.1	1.6	1.1	1.1	2.1	2.3	2.6	2.2	2.2	2.4	2.7	1.8	1.8	1.9	2.6	2.6
Cleveland	160	192	184	2.6	2,941	3,183	3,936	2.3	3,772,034	3,984,930	3,350,611	20,119,500	21,054,619	15,619,747	1.5	
Per cent of total	2.6	2.7	2.3	2.6	2.4	2.4	2.1	2.4	2.2	2.3	1.8	1.6	1.5	1.5	1.5	1.5
St. Louis ¹	66	72	75	1.0	2,457	2,324	2,465	1.9	2,657,778	2,323,128	2,360,352	15,019,917	12,971,234	11,847,997	1.2	
Per cent of total	1.1	1.0	1.1	1.1	1.9	1.7	1.7	1.5	1.5	1.3	1.3	1.3	1.2	1.2	1.2	1.2
Baltimore	63	79	92	1.4	2,589	2,931	3,063	2.0	2,021,746	2,431,932	2,255,266	13,302,267	13,876,299	12,675,122	1.2	
Per cent of total	1.0	1.1	1.3	1.1	2.0	2.2	2.1	2.1	2.1	2.2	1.4	1.2	1.0	1.0	1.0	1.2
Los Angeles ¹	128	95	109	2.1	2,116	2,122	2,457	1.5	2,444,865	2,027,607	2,345,842	13,002,297	11,007,117	10,314,348	1.0	
Per cent of total	2.1	1.4	1.5	2.1	1.6	1.7	1.7	1.7	1.7	1.7	1.1	1.3	1.0	1.0	1.0	1.0

¹ Statistics for 1921 include data for 1 establishment located elsewhere in the State, in order to avoid disclosing its operations.² Statistics for different years not strictly comparable, because of annexations of territory between censuses.

TABLE 26.—CLOTHING, WOMEN'S, ALL FACTORIES, REGULAR FACTORIES, AND CONTRACT SHOPS—GENERAL STATISTICS, BY STATES: 1925

[This table presents, for each branch of the industry, the statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the "All other States," however, reported a larger value of products than some of the States shown separately]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horse-power
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average number)	
ALL FACTORIES						
United States	6,127	154,873	7,122	21,285	126,400	24,316
California	181	3,645	236	435	2,974	746
Colorado	4	127	4	17	106	25
Connecticut	49	2,208	37	194	2,007	647
Georgia	6	293	6	28	250	36
Illinois	321	9,023	351	1,195	7,477	1,413
Indiana	19	1,238	5	152	1,081	274
Iowa	5	95	4	23	68	38
Kentucky	5	177	3	57	117	16
Louisiana	5	103	2	33	68	16
Maine	4	80	2	9	69	13
Maryland	68	3,155	74	325	2,756	606
Massachusetts	238	5,311	272	604	4,436	953
Michigan	27	972	22	105	845	194
Minnesota	17	700	12	69	619	135
Missouri	82	3,617	61	411	3,145	788
New Hampshire	5	117	1	9	107	34
New Jersey	176	5,881	142	420	5,319	1,094
New York	4,365	97,478	5,318	14,798	77,359	13,396
Ohio	123	5,267	80	842	4,336	1,152
Oregon	10	244	1	43	200	36
Pennsylvania	333	11,573	411	1,160	10,003	2,079
Tennessee	6	371	6	44	321	51
Texas	17	654	15	49	490	68
Vermont	5	276	2	20	254	60
Virginia	5	211	7	10	194	34
Washington	19	360	14	66	299	77
West Virginia	5	379	1	17	361	68
Wisconsin	18	678	11	98	569	130
All other States	14	646	15	63	568	179
REGULAR FactORIES						
United States	4,230	123,898	4,757	19,616	90,525	18,784
California	178	8,599	233	435	2,931	732
Colorado	4	127	4	17	106	25
Connecticut	22	1,330	14	156	1,160	499
Georgia	6	293	6	28	250	36
Illinois	310	8,851	341	1,190	7,320	1,356
Indiana	19	1,238	5	152	1,081	274
Iowa	5	95	4	23	68	38
Kentucky	5	177	3	57	117	16
Louisiana	5	103	2	33	68	16
Maryland	60	2,027	67	310	2,560	510
Massachusetts	197	6,014	219	605	4,200	884
Michigan	27	972	22	105	845	194
Minnesota	17	700	12	69	619	135
New Hampshire	5	117	1	9	107	34
New Jersey	70	2,770	66	258	2,446	577
New York	2,754	73,937	3,223	13,406	57,248	9,267
Ohio	106	5,094	70	837	4,187	1,116
Oregon	10	244	1	43	200	35
Pennsylvania	250	9,320	337	1,061	7,931	1,619
Tennessee	6	371	6	44	321	51
Texas	17	654	15	49	490	68
Virginia	5	211	7	10	194	34

See footnotes at end of table

TABLE 26.—CLOTHING, WOMEN'S, ALL FACTORIES, REGULAR FACTORIES, AND CONTRACT SHOPS—GENERAL STATISTICS, BY STATES: 1925—Continued

[See note at head of this table]

STATE	Number of establish- ments	PERSONS ENGAGED IN THE INDUSTRY				Horse- power
		Total	Pri- ori- tors and firm mem- bers	Salaried officers and em- ployees	Wage earners (average number)	
REGULAR FACTORIES—continued						
Washington	19	369	14	56	299	77
West Virginia	5	379	1	17	361	68
Wisconsin	18	678	11	98	560	130
All other States *	101	4,410	73	498	3,848	968
CONTRACT SHOPS						
United States	1,897	30,975	2,365	1,660	26,941	5,632
California	3	46	3	—	43	14
Connecticut	27	903	23	38	907	148
Illinois	11	172	10	5	157	67
Maryland	8	228	7	16	206	60
Massachusetts	30	267	63	9	235	56
New Jersey	106	3,111	76	162	2,873	517
New York	1,611	23,536	2,093	1,332	20,111	4,139
Ohio	17	173	19	5	149	37
Pennsylvania	74	2,244	74	98	2,072	460
All other States *	4	200	7	5	188	31
ALL FACTORIES						
United States	\$51,061,980	\$175,044,511	\$128,523,824	\$724,298,974	\$1,293,705,291	\$669,404,317
California	814,318	3,482,538	292,830	10,440,753	18,861,705	8,421,042
Colorado	19,240	63,654	—	254,036	510,141	260,105
Connecticut	452,042	1,605,634	19,260	2,745,221	6,107,842	8,862,021
Georgia	70,210	145,698	—	718,654	1,117,713	401,059
Illinois	2,030,980	9,530,124	810,005	31,727,498	55,298,750	23,571,261
Indiana	278,850	718,809	—	1,981,286	4,016,268	2,034,932
Iowa	26,275	46,351	16,947	152,748	392,289	230,493
Kentucky	116,339	30,380	17,896	205,114	615,022	409,608
Louisiana	20,067	43,561	18,500	202,385	418,958	210,568
Maine	19,855	39,512	—	43,870	110,019	66,149
Maryland	634,186	2,115,626	615,813	7,308,958	18,419,064	6,020,076
Massachusetts	1,145,766	2,075,577	704,278	15,533,592	27,207,383	11,763,791
Michigan	194,417	65,681	—	2,347,302	3,815,417	1,468,115
Minnesota	121,967	395,584	—	1,353,546	2,318,736	966,189
Missouri	1,018,211	8,210,944	105,101	11,148,599	18,942,376	7,798,777
New Hampshire	15,434	60,684	—	168,945	314,754	146,803
New Jersey	879,172	4,721,085	184,317	7,500,285	15,052,745	8,462,460
New York	86,891,583	120,061,218	122,441,320	875,593,793	1,025,948,100	450,054,362
Ohio	2,269,198	5,527,523	1,327,662	18,571,566	33,569,568	15,298,002
Oregon	99,186	227,068	1,061	794,883	1,367,232	572,349
Pennsylvania	2,396,247	9,193,168	1,804,631	20,388,375	52,411,268	23,062,928
Tennessee	94,814	141,030	5,022	529,343	1,085,326	555,083
Texas	74,295	263,668	60,861	610,773	1,392,000	775,887
Vermont	38,229	173,862	—	248,672	604,630	315,968
Virginia	28,265	113,369	—	340,248	571,504	225,351

See footnotes at end of table.

TABLE 26.—CLOTHING, WOMEN'S, ALL FACTORIES, REGULAR FACTORIES, AND CONTRACT SHOPS—GENERAL STATISTICS, BY STATES: 1925—Continued

[See note at head of this table]

STATE	Salaries	Wages	Paid for contract work	Cost of materials	Value of products	Value added by manufacture
ALL FACTORIES—Con.						
Washington	\$11,384	\$255,180	\$1,491	\$85,057	\$1,616,578	\$681,621
West Virginia	30,034	224,784		897,739	1,290,335	302,506
Wisconsin	173,652	400,166	5,089	1,678,057	2,787,418	1,108,761
All other States ¹	89,441	300,183	55,409	811,188	1,501,292	780,094
REGULAR FACTORIES						
United States	47,800,439	138,002,124	127,422,778	718,512,427	1,232,579,005	514,007,178
California	814,318	3,433,109	202,830	10,437,150	18,814,830	8,377,689
Colorado	19,240	69,054		254,036	510,141	256,105
Connecticut	308,651	933,859	11,094	2,618,984	4,974,014	2,360,630
Georgia	70,210	145,608		716,654	1,117,713	401,089
Illinois	2,924,180	9,552,615	810,006	31,714,542	55,030,947	23,326,405
Indiana	276,850	718,809		1,981,280	4,016,208	2,034,082
Iowa	26,276	46,351	16,047	152,746	392,239	230,493
Kentucky	116,330	90,386		205,414	615,022	409,608
Louisiana	39,087	43,561	18,500	202,365	418,958	216,593
Maryland	617,802	1,061,651	615,813	7,391,618	13,238,942	5,847,324
Massachusetts	1,132,781	4,704,105	704,273	15,480,924	26,770,597	11,292,673
Michigan	194,417	665,081		2,347,302	3,815,417	1,468,115
Minnesota	121,907	395,554	1,657	1,858,546	2,818,735	966,189
New Hampshire	15,434	69,084		168,946	314,754	145,800
New Jersey	615,405	2,122,246	138,617	7,251,933	12,376,280	5,124,347
New York	34,240,204	94,702,372	121,435,442	570,384,833	972,505,017	402,120,184
Ohio	2,283,272	5,204,114	1,327,662	18,553,701	33,555,552	15,002,151
Oregon	90,160	227,908	1,691	794,883	1,367,232	572,849
Pennsylvania	2,203,138	7,920,853	1,732,338	29,262,852	50,000,127	21,346,275
Tennessee	94,814	141,039	5,022	520,343	1,085,326	555,983
Texas	74,205	263,658	80,851	616,773	1,392,060	776,887
Virginia	28,265	113,360		346,243	571,594	225,351
Washington	111,384	255,180	1,491	935,057	1,616,578	681,621
West Virginia	30,034	224,784		897,739	1,290,335	302,506
Wisconsin	173,652	400,166	5,089	1,678,057	2,787,418	1,108,761
All other States ¹	1,169,214	3,625,678	224,660	12,233,901	21,065,000	8,821,098
CONTRACT SHOPS						
United States	3,171,541	36,952,387	1,101,046	5,786,547	61,125,686	55,339,139
California		29,420		3,003	40,956	43,353
Connecticut	84,291	701,775	7,275	131,837	1,133,228	1,001,391
Illinois	6,800	183,500		12,956	258,812	245,866
Maryland	16,204	133,085		7,370	180,122	172,752
Massachusetts	12,985	281,472		46,688	517,786	471,118
New Jersey	263,707	2,598,839	15,700	248,352	3,576,405	3,328,113
New York	2,642,370	31,358,846	1,005,878	5,208,065	53,143,143	47,982,178
Ohio	5,924	233,409		17,865	313,716	256,891
Pennsylvania	133,109	1,272,300	72,103	95,523	1,802,171	1,706,648
All other States ¹	6,052	98,823		18,408	153,287	139,879

¹ Not including 20 salaried officers and employees of central administrative offices, with salaries aggregating \$35,000. For purposes of comparison with the statistics published for earlier years, these figures should be added to those given in the table, making combined totals of 21,305 salaried officers and employees and \$61,098,080. (See "Central-administrative-office employees," p. 1193.)

² Alabama, 1 establishment; Arkansas, 1; Delaware, 2; District of Columbia, 2; Florida, 2; Kansas, 1; Nebraska, 2; North Carolina, 1; Rhode Island, 1; Utah, 1.

³ Alabama, 1 establishment; Arkansas, 1; Delaware, 1; District of Columbia, 2; Florida, 2; Kansas, 1; Maine, 3; Missouri, 81; Nebraska, 2; North Carolina, 1; Rhode Island, 1; Utah, 1; Vermont, 4.

⁴ Delaware, 1 establishment; Maine, 1; Missouri, 1; Vermont, 1.

⁵ Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

⁶ See footnote 2, Table 22.

TABLE 27.—CORSETS—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

[Data for establishments with products under \$5,000 in value included for 1919 and 1914 but not for subsequent years. See sec. 10, p. 5.]

YEAR OR PERIOD	Number of establishments	Wage earners (average number)	Wages	Paid for contract work	Cost of materials ¹	Value of products	Value added by manufacture ²	Horse-power
1925	185	14,525	\$12,394,094	\$83,190	\$37,808,237	\$77,114,840	\$39,305,603	8,304
1928	216	16,104	13,258,200	181,577	38,410,008	78,047,959	39,631,051	5,901
1921	173	17,084	13,102,150	165,620	88,857,277	76,000,156	36,742,870	(3)
1919	183	18,415	13,082,242	104,687	38,816,803	75,541,959	30,726,150	6,066
1914	107	20,496	7,976,721	183,966	19,580,533	40,560,702	20,964,139	6,902

PER CENT OF INCREASE OR DECREASE (-)								
1923-1925	-14.4	-9.8	-6.5	-36.8	-1.6	-1.2	-0.8	42.2
1921-1923	24.9	-5.7	1.2	-20.8	-1.1	3.2	7.9	-----
1921-1925	6.8	-15.0	-5.4	-40.8	-2.7	2.0	7.0	-----
1914-1925	10.8	-29.1	55.4	-54.8	93.0	90.2	87.5	20.6

¹ Including also cost of fuel, electric power, and containers.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

Not called for on schedule.

These figures differ slightly from the corresponding ones published in the reports for 1919 and 1914 because of the exclusion here and the inclusion in the previous reports of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

TABLE 28.—CORSETS—PRODUCTS, BY CLASS, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. One of the "All other States," however, reported larger values of products than Pennsylvania, which is shown separately.]

STATE	Number of establishments	VALUE OF PRODUCTS		
		Total	Corsets	All other products
United States	185	\$77,114,840	\$42,041,549	\$35,073,201
Connecticut	18	18,037,550	12,213,800	6,723,759
Illinois	17	7,376,180	2,708,028	4,667,158
Massachusetts	10	4,493,518	4,396,739	100,779
Michigan	12	6,521,643	4,770,700	1,744,883
New Jersey	17	9,244,036	1,924,023	7,320,013
New York	96	25,505,933	12,727,078	12,778,015
Pennsylvania	8	1,718,347	823,565	804,782
All other States	7	3,817,958	2,480,056	537,062

¹ In addition, corsets and related products to the value of \$117,607 were reported as secondary products by establishments engaged primarily in other industries.

² Of this amount, \$1,412,272 represents the value of products normally belonging to other industries but made as secondary products by establishments engaged primarily in the manufacture of corsets and related products. The remaining amount (\$33,931,019) represents the value of corset-brassieres, brassieres, bandeaux, and allied products, including corset materials (clasps, stays, etc.), which are normal products of this industry but for which separate data were not collected.

TABLE 29.—CORSETS—GENERAL STATISTICS, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. One of the "All other States," however, reported a larger value of products than Pennsylvania.]

STATE	Number of establish- ments Total	PERSONS ENGAGED IN THE INDUSTRY			Horse- power	
		Propri- tors and firm mem- bers	Salaried officers and em- ployees	Wage earners (average number)		
United States	185	17,083	99	2,450	14,525	8,394
Connecticut	18	4,697	7	643	4,047	3,454
Illinois	17	1,446	5	187	1,254	389
Massachusetts	10	1,180	1	133	1,046	697
Michigan	12	1,347	2	200	1,145	937
New Jersey	17	2,098	6	396	1,696	1,016
New York	90	5,131	72	728	4,331	1,409
Pennsylvania	8	601	5	131	465	367
All other States ¹	7	683	1	41	541	125

STATE	Salaries	Wages	Paid for contract work	Cost of materials	Value of products	Value added by manufac- ture ²
United States	\$5,618,260	\$12,394,004	\$83,199	\$37,808,237	\$77,114,840	\$39,306,603
Connecticut	1,379,733	3,805,771	-----	9,081,835	18,937,559	9,865,724
Illinois	480,000	1,252,547	-----	3,698,324	7,375,186	3,676,802
Massachusetts	316,277	833,866	-----	2,299,301	4,498,518	2,194,157
Michigan	418,611	954,055	-----	2,782,784	6,521,643	3,738,859
New Jersey	985,912	1,366,363	-----	4,574,774	9,244,636	4,669,862
New York	1,706,703	4,034,166	83,199	13,280,814	25,505,993	12,245,179
Pennsylvania	108,470	280,932	-----	690,385	1,718,347	1,027,062
All other States ¹	63,465	357,894	-----	1,410,960	8,317,968	1,807,998

¹ California, 1 establishment; Indiana, 2; Minnesota, 2; Ohio, 1; Wisconsin, 1.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

³ See footnote 1, Table 25.

TABLE 30.—MILLINERY AND LACE GOODS, NOT ELSEWHERE CLASSIFIED—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

[Data for establishments with products under \$5,000 in value included for 1919 and 1914 but not for subsequent years. See sec. 10, p. 5]

YEAR OR PERIOD	Number of establish- ments	Wage earners (average number)	Wages	Paid for contract work	Cost of materials ¹	Value of products	Value added by manu- facture ²	Horse- power
1925	2,443	53,603	\$66,550,671	\$5,995,727	\$153,385,589	\$309,856,341	\$156,470,752	11,986
1923	2,693	54,246	64,044,000	5,838,197	149,907,780	207,505,409	147,597,629	16,661
1921	2,777	63,701	60,401,335	6,572,077	131,207,190	268,713,808	137,506,669	(3)
1919	3,005	50,850	49,848,984	6,133,327	132,028,877	255,724,922	122,796,045	* 12,410
1914	2,079	45,274	21,545,137	1,919,766	57,675,921	114,160,402	56,484,541	* 12,488
PER CENT OF INCREASE OR DECREASE (-)								
1923-1925	-0.3	-1.2	3.0	2.7	2.3	4.2	6.0	-23.5
1921-1923	-3.0	1.0	6.0	-11.2	14.3	10.7	7.3	-----
1921-1925	-12.0	-2	10.2	-8.8	16.9	15.8	13.8	-----
1914-1925	17.5	18.4	208.9	212.3	165.9	171.4	177.0	-4.0

¹ Including also cost of fuel and electric power.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

³ Not called for on schedule.

* These figures differ slightly from the corresponding ones published in the reports for 1919 and 1914 because of the exclusion here and the inclusion in the previous reports of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

TABLE 31.—MILLINERY AND LACE GOODS, NOT ELSEWHERE CLASSIFIED—
PRODUCTS, BY CLASS, BY STATES: 1925

This table presents statistics for all States for which separate figures can be given, by class, without disclosing operations of individual establishments. Some of the "All other States," however, reported larger values of some classes of products than some of the States shown separately.

STATE	Total	Embroideries	Trimmed hats, hat frames, etc.	Braids, trimmings, fringes, etc.	Women's neckwear	All other products, value, and amount received for contract and custom work
United States...	\$300,866,341	\$35,000,455	\$190,050,170	\$7,852,896	\$18,200,168	\$68,728,652
California.....	8,126,570	(2)	6,503,807	(3)	691,600	1,585,124
Connecticut.....	6,276,037	(1)	124,632	(3)	—	5,981,024
Illinois.....	28,503,009	2,278,149	21,012,207	840,878	1,039,627	4,363,558
Maryland.....	1,037,032	351,509	418,403	(3)	(8)	99,727
Massachusetts.....	5,636,603	(3)	2,174,451	(3)	460,033	541,680
Michigan.....	1,710,238	(1)	930,692	(3)	—	318,018
Minnesota.....	4,218,100	—	4,143,121	—	—	75,288
Missouri.....	13,313,410	(3)	12,739,788	(3)	—	434,051
New Jersey.....	23,020,435	10,702,829	(3)	(3)	761,238	11,268,611
New York.....	197,328,061	10,845,483	126,110,003	5,587,554	14,960,301	31,307,373
Ohio.....	4,755,916	399,251	8,769,167	190,952	—	300,546
Oregon.....	556,845	(1)	442,552	—	(3)	71,032
Pennsylvania.....	5,031,616	1,193,960	3,036,027	(3)	(3)	1,187,550
Texas.....	1,062,390	—	1,062,390	—	—	—
Washington.....	1,181,674	—	857,704	(3)	(3)	(3)
Wisconsin.....	3,849,683	—	3,812,943	—	—	36,740
All other States.....	3,782,802	648,274	2,912,184	1,225,012	804,769	1,071,580

¹ In addition, millinery and lace goods to the value of \$2,804,828 were reported as secondary products by establishments engaged primarily in other industries.

² Of this amount, \$460,963 represents the value of products (chiefly miscellaneous wearing apparel for women, children, and infants) normally belonging to other industries but made as secondary products by establishments engaged primarily in the manufacture of millinery and lace goods. The remaining amount (\$65,237,309) represents the value of contract and custom work on millinery and lace goods, women's handkerchiefs, dress ornaments, stamped art goods for embroidery, plaiting, tucking, etc., which normally belong to this industry but for which separate data were not collected.

³ Included with data for "All other States" to avoid disclosing operations of individual establishments.

TABLE 32.—MILLINERY AND LACE GOODS, NOT ELSEWHERE CLASSIFIED—
GENERAL STATISTICS, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Two of the "All other States," however, reported larger values of products than Kentucky.]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horse-power
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average number)	
United States	2,443	64,508	2,386	8,517	53,603	11,986
California	96	2,543	107	268	2,168	488
Connecticut	11	1,281	6	189	1,086	393
Georgia	4	165	—	49	116	8
Illinois	163	6,293	113	802	5,288	1,429
Indiana	6	309	1	24	284	21
Iowa	8	230	18	28	205	18
Kentucky	3	95	2	20	73	16
Maryland	20	360	20	30	310	62
Massachusetts	46	885	41	96	748	289
Michigan	9	529	5	81	448	488
Minnesota	14	847	5	212	630	211
Missouri	66	3,772	29	506	3,237	688
New Jersey	342	5,878	361	439	5,078	2,015
New York	1,478	35,881	1,502	5,073	29,306	4,903
Ohio	44	1,839	34	141	1,164	169
Oregon	10	216	13	31	172	19
Pennsylvania	77	1,650	101	167	1,382	276
Texas	6	365	4	40	312	16
Virginia	5	151	3	12	130	40
Washington	14	352	10	60	282	37
Wisconsin	12	1,087	11	76	950	440
All other States	17	322	15	74	233	60

STATE	Salaries	Wages	Paid for contract work	Cost of materials	Value of products	Value added by manufacture ¹
United States	\$20,257,670	\$66,550,671	\$5,995,727	\$153,385,589	\$309,356,341	\$166,470,752
California	512,849	2,240,803	66,822	4,022,207	9,126,579	5,104,372
Connecticut	488,270	902,403	96,375	3,194,872	6,276,037	3,080,165
Georgia	56,226	74,885	—	300,594	697,728	297,134
Illinois	2,305,497	5,990,058	216,907	14,107,157	20,503,009	15,395,852
Indiana	56,766	220,788	—	361,098	671,308	320,210
Iowa	41,057	178,092	—	357,199	718,445	361,246
Kentucky	40,779	66,999	—	88,490	230,786	142,296
Maryland	97,022	234,200	150	398,887	1,037,032	688,175
Massachusetts	102,559	718,248	9,674	1,930,263	3,536,603	1,006,340
Michigan	105,385	414,124	—	850,427	1,719,288	808,811
Minnesota	436,086	527,986	960	2,164,110	4,218,400	2,054,209
Missouri	1,161,366	2,852,011	4,000	6,749,229	13,818,410	6,560,181
New Jersey	1,042,491	5,277,411	1,499,880	9,932,934	23,020,435	13,087,501
New York	12,444,080	42,645,654	4,041,742	99,606,044	197,328,604	97,718,720
Ohio	319,744	1,130,998	13,819	2,390,500	4,765,916	2,359,410
Oregon	48,707	144,491	423	228,449	558,845	330,396
Pennsylvania	299,099	1,202,130	48,374	2,770,184	5,631,616	2,852,462
Texas	109,351	181,160	—	560,905	1,062,399	501,404
Virginia	15,283	94,827	—	129,098	303,808	174,710
Washington	174,788	234,413	1,500	464,332	1,331,574	677,242
Wisconsin	113,969	962,312	—	1,071,873	3,849,683	1,877,810
All other States	105,646	166,720	—	807,801	1,260,817	452,926

¹ Alabama, 1 establishment; Colorado, 3; Louisiana, 3; Nebraska, 1; New Hampshire, 2; Oklahoma, 1; Rhode Island, 3; South Carolina, 1; South Dakota, 1; Tennessee, 1.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

³ See footnote 1, Table 31.

TABLE 33.—FUR GOODS—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

[Data for establishments with products under \$5,000 in value included for 1910 and 1914 but not for subsequent years. See sec. 10, p. 5.]

YEAR OR PERIOD	Number of establishments	Wage earners (average number)	Wages	Paid for contract work	Cost of materials ¹	Value of products	Value added by manufacture ²	Horse-power
1925	2,000	16,550	\$85,164,202	\$1,672,104	\$159,315,693	\$254,265,708	\$94,950,015	4,985
1923	1,758	14,430	27,023,042	1,008,410	126,182,143	198,042,571	71,880,428	4,299
1921	1,707	12,052	22,421,193	1,966,031	84,558,855	130,366,020	54,820,074	(8)
1919	1,515	13,639	24,149,212	1,418,281	105,596,605	173,187,739	67,541,184	5,327
1914	1,322	9,030	6,334,061	242,258	23,847,402	43,632,693	19,785,201	4,825
PER CENT OF INCREASE OR DECREASE (—)								
1923-1925	13.8	14.7	26.9	-12.4	26.3	28.4	32.1	16.0
1921-1923	3.0	19.8	24.5	-3.0	49.2	42.1	31.1	-----
1921-1926	17.2	37.4	56.8	-15.0	38.5	82.4	73.2	-----
1914-1925	51.3	83.8	455.1	600.2	568.1	482.7	370.0	54.6

¹ Including also cost of fuel and electric power.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

³ Not called for on schedule.

⁴ This item differs slightly from the corresponding one published in the report for 1914 because of the exclusion here and the inclusion in the previous report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

TABLE 34.—FUR GOODS—PRODUCTS, BY CLASS AND VALUE, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given, by class, without disclosing operations of individual establishments. One of the "All other States," however, reported larger values of some classes of products than some of the States shown separately.]

STATE	Aggregate	FUR GOODS					Sheep-lined coats and overcoats	All other products
		Total	Coats, cloaks, and overcoats	Boas, capes, collars, mufflers, scarfs, stoles, etc.	All other, including trimmings, etc.			
United States	\$254,265,708	\$234,177,781	\$193,012,466	\$10,202,288	\$30,903,027	\$10,846,244 ²	\$9,441,683	
California	3,305,120	2,427,263	2,106,070	21,001	238,686			577,857
Colorado	125,301	45,072	48,072					80,280
District of Columbia	930,810	711,724	620,724	85,000				225,086
Illinois	10,996,061	10,070,100	9,615,298	348,357	200,445	(8)		(4)
Indiana	471,640	317,233	307,233	(3)	(3)			154,216
Iowa	1,316,105	943,045	917,493	(3)	(3)			(1)
Maine	952,885	227,885	227,885					(3)
Maryland	514,210	481,518	380,095	(3)	(3)			112,692
Massachusetts	5,088,390	2,120,420	2,110,420	10,000		2,432,606		1,035,274
Michigan	3,005,981	2,501,000	2,566,630	(3)	(3)			504,315
Minnesota	9,342,504	7,014,041	7,038,564	21,504	853,073	890,500		1,037,873
Missouri	1,453,833	1,423,430	1,270,930	152,500				30,104
Montana	87,380	70,212	70,212					17,148
Nebraska	351,200	240,750	246,750					104,441
New Jersey	2,494,986	1,516,407	1,487,407	29,000				(3)
New York	197,637,970	193,388,254	155,200,337	9,006,422	29,057,405	1,549,087		2,634,729
Ohio	1,317,872	1,182,254	842,876	837,876	1,500			135,618
Oregon	233,354	102,323	102,323					131,031
Pennsylvania	5,503,548	4,042,258	4,025,175	153,083	184,000			561,293
Rhode Island	134,138	75,639	75,639					55,499
Vermont	79,850	52,200	52,200					24,680
Washington	785,013	626,855	608,566	21,280				150,086
Wisconsin	5,889,986	1,907,322	1,868,441	(3)	(3)			(3)
All other States	1,067,052	871,052	566,820	76,356	380,028	6,272,971		1,907,323

¹ In addition, fur goods to the value of \$1,424,405 (miscellaneous fur goods, unclassified, \$1,185,996, and sheep-lined coats, \$238,409) were reported as secondary products by establishments engaged primarily in other industries.

² Of this amount, \$1,570,232 represents the value of various products (miscellaneous wearing apparel, etc.) normally belonging to other industries but made as secondary products by establishments engaged primarily in the manufacture of fur goods. The remaining amount (\$7,832,451) represents receipts for contract work on fur goods, \$386,694 for custom work on fur goods, \$7,273,911, and miscellaneous receipts, \$201,846.

³ Included with data for "All other States" to avoid disclosing operations of individual establishments.

TABLE 35.—FUR GOODS—GENERAL STATISTICS, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. One of the "All other States," however, reported a larger value of products than some of the States shown separately.]

STATE	Number of establish- ments	PERSONS ENGAGED IN THE INDUSTRY				Horse- power
		Total	Pri- ori- tors and firm mem- bers	Salaried officers and em- ployees	Wage earners (average number)	
United States.....	2,000	22,908	2,744	3,608	16,556	4,985
California.....	44	441	42	85	314	67
Colorado.....	7	49	8	9	32	9
Connecticut.....	10	91	9	14	68	19
District of Columbia.....	13	125	17	29	79	20
Illinois.....	143	1,123	155	253	715	241
Indiana.....	8	94	10	6	78	16
Iowa.....	24	276	27	61	188	147
Maine.....	8	138	6	11	119	29
Maryland.....	18	102	21	13	68	18
Massachusetts.....	36	845	23	145	677	180
Michigan.....	30	484	31	86	367	96
Minnesota.....	40	1,468	32	200	1,231	676
Missouri.....	13	229	8	45	176	57
Montana.....	4	25	6	2	17	5
Nebraska.....	5	67	4	16	48	21
New Jersey.....	21	204	18	47	220	74
New York.....	1,853	14,069	2,097	2,229	10,843	2,755
North Dakota.....	3	21	4	1	16	4
Ohio.....	28	222	31	43	148	47
Oregon.....	7	51	6	10	35	11
Pennsylvania.....	101	653	108	145	400	120
Rhode Island.....	3	37	3	11	23	3
Vermont.....	5	27	4	2	21	6
Washington.....	26	178	26	22	130	42
Wisconsin.....	34	1,105	29	115	961	300
All other States ¹	16	101	19	9	73	22

STATE	Salaries	Wages	Paid for contract work	Cost of materials	Value of products	Value added by manufac- ture ²
United States.....	\$8,551,951	\$35,184,292	\$1,672,104	\$150,315,693	\$254,265,708	\$94,950,015
California.....	110,656	549,967	1,602	1,615,883	3,005,120	1,389,237
Colorado.....	13,064	43,200	148	34,877	128,361	63,484
Connecticut.....	20,302	85,763	200	384,577	568,522	184,945
District of Columbia.....	60,196	182,923	3,444	413,275	936,810	528,535
Illinois.....	704,619	1,630,086	49,227	6,508,744	10,996,961	4,308,217
Indiana.....	23,677	103,645	390	220,964	471,649	250,585
Iowa.....	97,990	248,330	8,754	510,987	1,316,105	805,118
Maine.....	24,728	145,456	8,754	509,839	952,885	443,049
Maryland.....	15,988	110,494	—	246,061	544,210	208,149
Massachusetts.....	331,303	1,017,088	21,716	8,217,045	5,638,390	2,420,745
Michigan.....	203,923	521,274	50,709	1,436,417	3,005,081	1,659,564
Minnesota.....	382,548	1,577,180	24,168	6,207,001	9,342,504	3,134,003
Missouri.....	136,392	250,052	—	740,777	1,453,638	712,850
Montana.....	927	16,248	721	26,572	87,360	60,788
Nebraska.....	32,963	67,915	12,050	179,654	351,200	171,546
New Jersey.....	99,725	388,505	10,180	1,573,272	2,494,056	921,084
New York.....	5,682,470	25,677,704	1,474,482	126,580,665	197,437,970	70,857,405
North Dakota.....	1,200	19,194	—	34,118	78,554	44,480
Ohio.....	82,230	248,242	—	617,977	1,317,872	699,895
Oregon.....	15,618	45,026	—	81,228	233,354	152,120
Pennsylvania.....	285,437	777,954	14,452	3,300,099	5,503,548	2,203,449
Rhode Island.....	8,580	34,844	—	54,245	134,138	79,893
Vermont.....	4,820	10,380	1,404	29,231	79,860	50,619
Washington.....	32,307	165,627	693	347,306	785,913	438,607
Wisconsin.....	310,625	1,145,431	2,692	4,175,631	6,889,986	2,714,355
All other States ¹	19,762	93,669	104	177,848	418,976	241,128

¹ Alabama, 1 establishment; Arkansas, 1; Delaware, 1; Georgia, 1; Idaho, 1; Kansas, 1; Kentucky, 1; Louisiana, 2; Oklahoma, 2; South Dakota, 1; Tennessee, 1; Texas, 1; Utah, 1; West Virginia, 1.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

³ See footnote 1, Table 34.

TABLE 36.—GLOVES AND MITTENS, CLOTH, NOT MADE IN TEXTILE MILLS—
SUMMARY FOR THE UNITED STATES: 1919 TO 1925

[Data for establishments with products under \$5,000 in value included for 1919 but not for subsequent years. See sec. 10, p. 6.]

[Not tabulated separately prior to 1919; included with "Furnishing goods, men's"]

YEAR OR PERIOD	Number of establishments (average number)	Wage earners (average number)	Wages	Paid for contract work	Cost of materials ¹	Value of products	Value added by manufacturer ²	Horse-power
1925	115	7,708	\$4,810,079	\$122,278	\$15,734,965	\$25,660,308	\$9,925,311	3,516
1923	129	8,864	5,285,995	82,401	18,292,054	28,125,528	9,833,474	3,143
1921	128	5,758	3,294,079	11,938	10,191,476	15,212,899	5,021,423	(4)
1919	182	8,986	4,855,246	95,224	16,082,462	28,220,113	12,127,651	3,304
PER CENT OF INCREASE OR DECREASE (-)								
1923-1925	-8.5	-12.0	-9.2	48.4	-14.0	-8.8	0.9	11.9
1921-1923	.8	53.0	60.8	500.5	79.5	84.9	95.8	-----
1921-1925	-7.8	35.4	48.0	924.7	54.4	68.7	97.7	-----

¹ Including also cost of fuel, electric power, and containers.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

³ Not called for on schedule.

TABLE 37.—GLOVES AND MITTENS, CLOTH, NOT MADE IN TEXTILE MILLS—
PRODUCTS, BY CLASS AND VALUE, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. One of the "All other States," however, reported larger values of some classes of products than Michigan, which is shown separately]

STATE	Total	GLOVES AND MITTENS			All other products
		From knitted fabrics	From woven fabrics	From combination cloth and leather	
United States	\$25,660,308	\$4,012,308	\$14,477,571	\$5,459,805	\$1,110,622
Illinois	3,160,466	386,350	2,265,090	(8)	(8)
Indiana	5,047,704	1,451,719	2,038,417	2,428,630	30,938
Iowa	1,272,463	344,323	638,078	(3)	(3)
Michigan	340,087	(3)	254,282	37,132	(3)
Missouri	2,710,557	-----	1,537,047	1,086,474	116,036
New York	1,730,322	630,793	873,880	132,114	98,526
North Carolina	575,481	(3)	451,431	(3)	-----
Ohio	7,329,817	700,010	5,357,718	1,223,130	42,000
Pennsylvania	674,316	401,442	263,757	6,116	-----
All other States	1,910,145	688,671	708,363	566,209	827,183

¹ In addition, cloth gloves and mittens to the value of \$618,473 were reported as secondary products by establishments other than textile mills engaged primarily in other industries. The value of cloth gloves and mittens made in knit-goods establishments was reported as \$9,083,403.

² Of this amount, \$540,621 represents the value of miscellaneous products, such as leather gloves and mittens, underwear, etc., normally belonging to other industries but made as secondary products by establishments engaged primarily in the manufacture of cloth gloves and mittens from purchased fabrics. The remaining amount (\$589,990) represents the value of glove materials and parts sold, contract work, reg's, etc.

³ Included with data for "All other States" to avoid disclosing operations of individual establishments.

TABLE 38.—GLOVES AND MITTENS, CLOTH, NOT MADE IN TEXTILE MILLS—
GENERAL STATISTICS, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. One of the "All other States," however, reported a larger value of products than Michigan]

STATE	Number of establish- ments	PERSONS ENGAGED IN THE INDUSTRY				Horse- power
		Total	Propri- etors and firm mem- bers	Salaried officers and em- ployees	Wage earners (average number)	
United States	118	8,321	64	459	7,708	3,516
Illinois	7	1,088	3	24	1,061	298
Indiana	22	1,910	6	101	1,803	867
Iowa	7	314	3	17	294	145
Michigan	4	87	2	7	78	48
Missouri	6	720	9	49	662	337
New York	19	707	18	45	644	178
North Carolina	4	238	3	13	222	122
Ohio	27	2,472	6	141	2,325	1,004
Pennsylvania	5	160	—	13	156	120
All other States ¹	17	616	14	49	553	397

STATE	Salaries	Wages	Paid for contract work	Cost of materials	Value of products	Value added by manufac- ture ²
	\$791,278	\$4,810,079	\$122,273	\$15,734,995	\$25,660,306	\$9,926,311
Illinois	44,227	603,427	458	1,872,268	3,160,465	1,288,197
Indiana	168,409	1,018,991	24,438	3,924,204	5,947,704	2,023,500
Iowa	33,027	189,827	—	853,618	1,272,463	418,845
Michigan	15,507	64,110	—	227,528	340,087	112,564
Missouri	60,619	450,968	—	1,038,026	2,710,557	1,081,531
New York	96,130	428,684	50,264	865,032	1,730,322	865,290
North Carolina	13,115	102,828	—	277,275	575,481	298,156
Ohio	226,875	1,498,761	47,113	4,424,904	7,329,817	2,904,013
Pennsylvania	28,634	120,036	—	477,778	674,315	196,537
All other States ¹	104,726	326,452	—	1,174,807	1,910,145	735,778

¹ California, 1 establishment; Colorado, 2; Connecticut, 1; Kansas, 1; Kentucky, 1; Maine, 1; Massachusetts, 1; Minnesota, 1; Nebraska, 1; New Hampshire, 1; New Jersey, 1; Oregon, 1; South Carolina, 1; Washington, 1; Wisconsin, 2.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

* See footnote 1, Table 37.

CENSUS OF MANUFACTURES: 1925

TABLE 39.—HATS, STRAW—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

[Data for establishments with products under \$5,000 in value included for 1910 and 1914 but not for subsequent years. See sec. 10, p. 5.]

YEAR OR PERIOD	Num-ber of estab-lishments	Wage earners (average number)	Wages	Paid for contract work	Cost of materials ¹	Value of products	Value added by manufac-ture ²	Horse-power
1925	83	5,920	\$5,823,133	\$138,712	\$15,177,004	\$28,153,809	\$12,075,905	3,541
1923	97	6,812	7,522,803	62,821	16,340,868	32,509,203	16,228,395	3,673
1921	110	6,924	6,415,205	63,036	14,559,485	28,616,604	14,057,119	(1)
1919	148	7,302	6,604,033	65,849	16,010,408	32,187,361	15,276,953	3,382
1914	140	6,483	5,268,028	32,513	14,085,780	25,443,601	12,357,715	5,144

PER CENT OF INCREASE OR DECREASE (—)

1923-1925	(4)	-13.1	-22.6	120.8	-7.1	-18.6	-20.0	-8.6
1921-1923	-11.8	15.0	17.3	-3	12.2	13.8	16.4	-----
1921-1925	-24.6	-1	-9.2	120.1	4.2	-1.6	-7.7	-----
1914-1925	-44.3	-37.6	10.9	326.0	7.8	10.7	14.2	-31.2

¹ Including also cost of fuel and electric power.² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

Not called for on schedule.

These figures differ slightly from the corresponding ones published in the reports for 1910 and 1914 because of the exclusion here and the inclusion in the previous reports of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

* Not computed where base is less than 100.

TABLE 40.—HATS, STRAW—PRODUCTS, BY CLASS AND VALUE, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given, by class, without disclosing operations of individual establishments. One of the "All other States," however, reported a larger value of products than one of the States shown separately]

CLASS AND STATE	Straw hats	CLASS AND STATE	Straw hats
Total value.....	\$30,212,006	State:	
Straw-hat industry.....	27,178,420	Massachusetts.....	4,165,381
Straw hats, secondary products of establishments in other industries.....	3,033,640	Missouri.....	2,940,024
		New York.....	12,638,767
		All other States.....	10,477,914

TABLE 41.—HATS, STRAW—GENERAL STATISTICS, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Two of the "All other States," however, reported larger values of products than two of the States shown separately.]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horse-power
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average number)	
United States	83	6,524	49	555	5,920	3,541
Maryland	5	1,433	1	100	1,332	928
Massachusetts	12	1,458	6	109	1,343	1,108
Missouri	9	457	6	75	376	83
New Jersey	8	164	3	5	156	379
New York	35	1,974	19	175	1,780	786
Pennsylvania	5	159	4	21	134	31
All other States ¹	14	879	10	70	799	226

STATE	Salaries	Wages	Paid for contract work	Cost of materials	Value of products	Value added by manufacture ³
United States	\$1,530,821	\$5,823,183	\$138,712	\$15,177,994	\$28,153,890	\$12,975,905
Maryland	375,870	1,163,409	-----	2,474,043	4,986,773	2,612,730
Massachusetts	255,418	1,217,035	-----	2,112,822	4,429,481	2,316,609
Missouri	177,173	421,022	7,079	1,373,886	3,099,477	1,725,501
New Jersey	5,117	174,230	-----	370,668	615,806	245,228
New York	455,790	2,054,244	130,450	6,606,036	11,270,470	4,664,443
Pennsylvania	46,155	146,718	-----	288,001	576,089	287,998
All other States ¹	213,298	646,466	1,183	1,952,448	3,175,754	1,223,306

¹ California, 1 establishment; Georgia, 3; Illinois, 2; Indiana, 1; Ohio, 4; Texas, 2; Virginia, 1.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

³ See Table 40.

TABLE 42.—HATS AND CAPS, EXCEPT FELT AND STRAW—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

[Data for establishments with products under \$5,000 in value included for 1910 and 1914 but not for subsequent years. See sec. 10, p. 6.]

YEAR OR PERIOD	Number of establishments	Wage earners (average number)	Wages	Paid for contract work	Cost of materials ¹	Value of products	Value added by manufacture ²	Horse-power
1925	570	6,552	\$0,242,937	\$847,150	\$22,608,720	\$48,822,729	\$21,124,000	1,876
1923	651	7,313	9,603,883	925,070	22,250,182	42,811,444	20,561,262	1,782
1921	584	6,505	8,701,150	326,047	18,536,982	36,987,008	18,450,020	(3)
1919	700	7,530	9,438,864	135,921	24,176,514	44,530,861	20,363,347	1,687
1914	580	7,322	4,507,521	108,008	9,267,577	18,503,221	9,326,644	1,313

PER CENT OF INCREASE OR DECREASE (-)

1923-1925	-11.1	-10.4	-3.7	-8.5	2.0	2.4	2.7	5.3
1921-1923	11.5	12.4	10.3	183.0	20.0	15.7	11.4	-----
1921-1925	-9	.7	6.2	159.8	22.5	18.5	14.5	-----
1914-1925	-2	-10.5	105.1	677.1	144.0	135.7	126.5	42.9

¹ Including also cost of fuel and electric power.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

³ Not called for on schedule.

⁴ This item differs slightly from the corresponding one published in the report for 1914 because of the exclusion here and the inclusion in the previous report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

CENSUS OF MANUFACTURES: 1925

TABLE 43.—HATS AND CAPS, EXCEPT FELT AND STRAW—GENERAL STATISTICS,
BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. One of the "All other States," however, reported a larger value of products than some of the States shown separately]

STATE	Number of estab- lish- ments	PERSONS ENGAGED IN THE INDUSTRY				Horse- power
		Total	Propri- e- tors and firm mem- bers	Salaried officers and em- ployees	Wage earners (average number)	
United States	579	8,800	729	1,019	6,552	1,876
California	39	396	46	24	326	90
Colorado	3	74	2	12	60	7
Connecticut	9	95	13	12	70	38
Illinois	52	678	60	101	517	148
Indiana	5	72	6	0	57	14
Iowa	8	136	10	19	107	20
Kentucky	5	268	5	21	240	25
Maryland	16	188	20	36	112	23
Massachusetts	38	398	40	57	301	105
Michigan	6	91	9	14	68	11
Minnesota	9	109	11	14	84	19
Missouri	21	731	16	79	636	89
Nebraska	8	50	2	5	43	14
New Jersey	19	329	23	37	269	58
New York	226	2,816	312	310	2,194	743
Ohio	35	666	40	108	517	128
Oregon	4	66	1	12	53	8
Pennsylvania	55	730	88	87	561	273
Texas	3	42	4	8	30	6
Wisconsin	8	97	6	18	73	17
All other States ¹	15	284	15	35	234	40

STATE	Salaries	Wages	Paid for contract work	Cost of materials	Value of products	Value added by manufac- ture ²
United States	\$2,272,749	\$0,242,037	\$847,150	\$22,698,720	\$43,822,720	\$21,124,000
California	46,379	423,843	1,015	657,182	1,708,964	841,782
Colorado	14,706	76,239	—	102,658	320,192	157,034
Connecticut	28,439	94,223	—	261,438	467,900	206,462
Illinois	260,757	851,041	25,725	1,891,680	3,950,576	2,057,896
Indiana	31,494	78,801	—	195,302	335,383	189,991
Iowa	30,310	68,094	56,702	172,835	387,866	215,031
Kentucky	41,954	151,168	—	476,090	861,981	385,891
Maryland	55,104	149,173	13,571	422,488	827,042	404,564
Massachusetts	100,962	471,308	14,047	1,055,433	2,045,955	950,522
Michigan	80,002	98,190	500	231,701	496,104	264,403
Minnesota	21,418	116,202	—	309,481	668,921	359,440
Missouri	207,164	670,591	—	2,165,350	3,524,952	1,556,602
Nebraska	8,128	43,530	—	64,008	183,652	119,554
New Jersey	61,541	381,419	24,000	691,876	1,445,194	753,318
New York	730,553	3,802,124	608,708	8,003,388	17,621,847	8,618,459
Ohio	215,868	580,936	3,942	1,688,251	3,198,390	1,510,148
Oregon	19,709	58,185	50	124,353	267,870	143,526
Pennsylvania	187,359	762,311	7,000	2,000,147	3,683,849	1,683,702
Texas	10,183	27,604	—	109,077	190,446	81,389
Wisconsin	54,220	113,245	—	235,814	525,680	292,806
All other States ¹	97,740	169,624	—	577,097	1,057,947	480,850

¹ Delaware, 1 establishment; District of Columbia, 2; Georgia, 1; Louisiana, 1; Rhode Island, 2; Tennessee, 2; Virginia, 2; Washington, 4.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

³ In addition, cloth hats and caps to the value of \$1,330,301 were reported as secondary products by establishments engaged primarily in other industries.

TABLE 44.—SUSPENDERS, GARTERS, AND OTHER ELASTIC GOODS (NOT INCLUDING ELASTIC SURGICAL GOODS), MADE FROM PURCHASED WEBBING—SUMMARY FOR THE UNITED STATES: 1925 AND 1923

[Data for establishments with products under \$5,000 in value not included. See sec. 10, p. 5. Because of a change in classification, no comparable figures can be given for years prior to 1923]

YEAR OR PERIOD	Number of establish- ments	Wage earners (average num- ber)	Wages	Paid for contract work	Cost of materials ¹	Value of products	Value added by manufac- ture ²	Horse- power
1925	93	3,835	\$3,072,392	\$627,317	\$16,499,915	\$27,504,028	\$11,004,113	876
1923	100	3,458	2,891,526	703,283	13,934,072	24,297,342	10,363,270	809
PER CENT OF INCREASE OR DECREASE (-)								
1923-1925	-7.0	-10.0	6.3	-10.8	18.4	13.2	6.2	8.8

¹ Including also cost of fuel and electric power.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

TABLE 45.—SUSPENDERS, GARTERS, AND OTHER ELASTIC GOODS (NOT INCLUDING ELASTIC SURGICAL GOODS), MADE FROM PURCHASED WEBBING—GENERAL STATISTICS, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the "All other States," however, reported larger values of products than some of the States shown separately]

STATE	Number of establish- ments	PERSONS ENGAGED IN THE INDUSTRY				Horse- power
		Total	Propri- tors and firm mem- bers	Salaried officers and em- ployees	Wage earners (average number)	
United States	93	4,662	77	750	3,835	876
Connecticut	7	182	6	22	154	40
Illinois	10	1,503	10	359	1,190	308
Massachusetts	10	706	6	91	609	206
Minnesota	4	52	7	8	37	7
New York	38	1,011	31	125	855	145
Ohio	5	151	3	19	129	58
Wisconsin	4	11	4	1	6	4
All other States ¹	15	981	10	125	846	108

STATE	Salaries	Wages	Paid for contract work	Cost of materials	Value of products	Value added by manufac- ture ²
United States	\$1,738,632	\$3,072,392	\$627,317	\$16,499,915	\$27,504,028	\$11,004,113
Connecticut	69,749	114,166	36,648	945,578	1,327,479	381,901
Illinois	904,344	1,008,401	389,210	5,314,226	9,455,801	4,145,575
Massachusetts	200,163	494,197	23,327	2,112,380	3,302,263	1,193,883
Minnesota	14,755	30,223	—	128,684	212,520	83,936
New York	234,975	911,222	152,711	4,641,082	6,912,084	2,271,902
Ohio	42,485	84,005	1,137	437,079	701,090	264,020
Wisconsin	1,200	6,567	—	51,899	71,884	20,486
All other States ¹	270,961	423,011	24,284	2,860,587	5,511,998	2,042,411

¹ California, 1 establishment; Colorado, 1; Iowa, 2; Kentucky, 1; Louisiana, 1; Maryland, 1; Michigan, 1; Missouri, 2; North Carolina, 1; Pennsylvania, 3; Washington, 1.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

³ In addition, suspenders, garters, etc., to the value of \$1,190,430 were reported as secondary products by establishments engaged primarily in other industries.

MONTHLY STATISTICS

Men's and boys' clothing cut and work clothing.—In addition to the biennial census reports, this bureau issues monthly statistics on men's and boys' clothing cut, by kind and by class, and on work garments cut, shipped, in stock, and returned. The biennial census report, which supplies an index of the trend of the industry over a period of years, covers the total production of men's and boys' clothing, including work clothing, in the men's-clothing industry, whereas the monthly statistics, which show the trend from month to month, are compiled from data supplied by establishments representing the major part, but not the whole, of the industry. Tables 46 and 47 present, for the years 1923, 1924, 1925, and 1926, totals of the monthly statistics for the 12 months of those years.

TABLE 46.—MEN'S AND BOYS' CLOTHING CUT—SUMMARY OF MONTHLY STATISTICS: 1923 TO 1926

(The statistics presented in this table were compiled from data supplied by an average of 609 establishments reporting for 1926, 605 for 1925, 529 for 1924, and 421 for 1923. The annual output of each of these establishments was valued at more than \$100,000)

KIND	NUMBER OF UNITS CUT			
	1926	1925	1924	1923 ¹
MEN'S CLOTHING				
Men's suits, total.....	17,381,000	10,038,872	12,882,663	11,741,006
Suits, wholly or partly of wool.....	15,568,848	14,705,231	11,455,320	10,230,095
Suits, wholly or partly of cotton, mohair, linen, etc.....	1,822,752	1,330,611	1,424,343	1,502,001
Men's separate trousers, total.....	19,028,468	16,122,255	18,787,740	16,019,143
Trousers, wholly or partly of wool.....	12,054,613	10,407,180	8,501,072	8,614,275
Trousers, wholly or partly of cotton, mohair, linen, etc.....	6,973,650	5,715,075	5,236,777	6,004,808
Men's overcoats and topcoats.....	4,706,448	4,170,437	4,023,584	4,217,701
BOYS' CLOTHING				
Boys' suits, total.....	5,910,201	5,462,420	3,863,705	3,627,775
Suits, wholly or partly of wool.....	3,836,807	3,515,303	3,310,193	(*)
Suits, wholly or partly of cotton, mohair, linen, etc.....	2,070,334	1,037,126	544,002	(*)
Boys' separate pants, total.....	5,664,002	6,280,609	6,248,630	4,786,171
Pants, wholly or partly of wool.....	3,804,080	4,448,101	5,078,207	(*)
Pants, wholly or partly of cotton, mohair, linen, etc.....	2,360,816	1,841,508	1,170,432	(*)
Boys' overcoats, reefers, and light coats.....	1,312,041	1,224,024	1,140,854	1,032,781

¹Eleven months only, as the collection of monthly data started with the month of February.

No separate figures.

TABLE 47.—WORK CLOTHING, GARMENTS CUT—SUMMARY OF MONTHLY STATISTICS: 1923 TO 1926

[The statistics presented in this table were compiled from data supplied by an average of 246 establishments for 1926, 240 for 1925, 204 for 1924, and 154 for 1923. The annual output of each of these establishments was valued at more than \$100,000.]

MATERIAL USED	NUMBER OF GARMENTS (DOZENS)			
	AVERAGE MONTHLY OUTPUT			
	1926	1925	1924	1923 ¹
Denims, total	3,130,898	2,906,777	2,347,710	1,273,504
2.20 and other W. B.	2,509,324	2,273,044	1,750,099	881,492
2.40-2.45 and heavier D. & T.	428,435	445,787	416,738	274,900
2.50 and lighter D. & T.	202,139	187,946	173,978	117,712
Stiefs and drills	107,785	281,014	107,250	111,624
Khaki	413,372	418,007	287,713	147,380
Duck	104,577	183,035	95,218	46,779
All other	851,686	981,231	692,505	275,946

¹ Seven months only, as the collection of monthly data started with the month of June.

THE WOOL-MANUFACTURES GROUP

Relationship of the industries.—The wool-manufactures group of five industries embraces establishments engaged primarily in the manufacture of (1) woolen goods, (2) worsted goods, (3) wool carpets and rugs, other than rag, (4) wool or hair felt goods, and (5) wool-felt hats. The three other industries shown in connection with wool manufactures, namely, wool shoddy, wool pulling, and wool scouring, represent processes in the manufacture of wool materials, rather than the production of finished goods, and therefore statistics for these industries are presented separately. Some of the products reported by establishments classified in the wool-manufactures group are not strictly all-wool. In the manufacture of many of the wool carpets and rugs, for example, it is necessary to use a stronger yarn than wool for the ground or foundation weave. These yarns are usually of jute, linen, or cotton, and may be seen on the back of most wool carpets and rugs. Other fibers mixed with wool are found to some extent in many different types of fabrics besides carpets and rugs. Fabrics made wholly or in part from such animal hair as alpaca, vicuna, and mohair, and the hair of camels and cattle, are also included with wool manufactures.

Detailed statistics of products.—Table 6 gives² for the wool-manufactures group as a whole, statistics in regard to the quantities and the values of the several classes of products, by States; and Table 5 for each of the individual industries presents statistics of products, in greater detail as to class, for the United States as a whole. The relatively small differences between the total values of the several classes of products, as shown in Table 6 for the group as a whole, and the corresponding values as given in the appropriate tables for the separate industries, are due to the fact that each of the tables for the separate industries relates to one industry alone, whereas the table for the group as a whole presents complete statistics for each specified class of goods, including those made as secondary products by wool-manufacturing establishments classified in industries other than those to which the products in question normally belong. (See "Classification by industries," p. 6.)

Monthly statistics.—Data are collected monthly on "Active and idle wool machinery" and "Wool consumed by manufacturers." (See Tables 1 and 2, pp. 405 and 406.)

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1914 TO 1925
 [Data for establishments with products under \$5,000 in value included for 1919 and 1914 but not for subsequent years. See sec. 10, p. 6.]

YEAR OR PERIOD	Number of establishments	Wage earners (average number)	Wages	Paid for contract work	Cost of materials ¹	Value of products	Value added by manufacture ²	Horse-power
1925	973	206,110	\$243,042,793	\$7,268,279	\$756,074,445	\$1,199,417,490	\$443,343,045	659,331
1923	1,004	237,454	280,152,600	10,629,179	748,556,135	1,312,719,242	564,163,107	618,601
1921	961	160,894	208,573,372	8,327,995	463,849,422	888,557,982	424,708,500	(3)
1919	1,016	196,404	198,586,069	9,316,229	759,193,319	1,234,657,092	475,463,773	522,917
1914	970	105,285	93,357,880	2,450,260	298,003,498	464,240,813	166,186,315	1435,474
PER CENT OF INCREASE OR DECREASE (-)								
1923-1925	-3.1	-13.2	-13.2	-31.0	1.0	-8.6	-21.4	7.1
1921-1923	4.5	24.4	33.7	27.6	61.4	47.7	32.8	-----
1921-1925	1.2	8.0	16.0	-12.7	63.0	35.0	4.4	-----
1914-1925	-.6	5.5	160.3	195.8	153.7	158.4	166.8	51.4

¹ Including also cost of fuel, electric power, and mill supplies.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

³ Not called for on schedule.

⁴ These figures differ from those published in the reports for 1919 and 1914 because of the exclusion here and the inclusion in the previous reports of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

TABLE 2.—PRINCIPAL MATERIALS USED IN WOOL MANUFACTURES: 1925, 1919, AND 1914
 [No data for materials tabulated for 1923 and 1921]

KIND	1925	1919	1914
Wool:			
In condition in which purchased.....	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
Domestic.....	555,262,841	491,728,475	502,857,333
Foreign.....	201,893,263	253,838,421	277,588,101
Equivalent in scourcd condition.....	298,369,583	237,890,054	225,269,232
	351,067,225	295,388,110	307,705,932
Animal hair:			
Camel, alpaca, and vicuna.....	69,518,341	54,340,349	44,131,227
Mohair.....	2,330,805	3,362,621	6,610,750
Other animal hair.....	15,448,625	12,271,514	9,374,841
	51,738,821	38,706,214	28,136,036
Cotton:			
Domestic.....	40,188,264	22,652,635	35,307,083
Foreign.....	20,819,111	17,269,101	28,676,781
	10,369,153	5,383,534	6,630,302
Rags, clippings, etc.	76,498,210	48,700,746	62,083,010
Recovered wool fiber.....	40,345,188	37,632,275	30,168,015
Waste and noils:			
Wool waste and noils.....	65,365,752	53,277,222	50,360,387
Camel, alpaca, vicuna, and mohair noils.....	56,554,038	49,305,632	46,816,308
Silk waste and noils.....	3,261,301	2,175,629	3,533,050
	5,560,413	1,795,961	(1)
Tops, purchased.....	40,350,672	26,466,973	20,177,790
Yarns, purchased.....	237,578,886	171,914,904	214,451,204
Woolen.....	37,240,201	25,759,406	23,802,234
Worsted.....	53,820,164	47,126,670	62,895,372
Merino.....	1,695,368	1,609,023	(1)
Cotton.....	3,160,854	1,113,035	706,483
Silk and spun silk.....	52,000,745	46,089,351	56,988,329
Rayon.....	718,845	542,587	794,603
Linen.....	2,543,220	39,990	(1)
Jute.....	933,499	2,295,500	7,611,078
Other yarns.....	80,673,475	47,389,342	61,653,015
	4,780,455	(1)	(3)
Wool-felt hat bodies and hats in the rough.....	<i>Dozens</i>	<i>Dozens</i>	<i>Dozens</i>
	50,574	72,213	13,449

¹ Not reported separately.

² Figures for prior years not strictly comparable, as they include data for yarn of ramie or other vegetable fiber.

³ Included in figures for "Jute." (See footnote 2.)

TABLE 8.—PRINCIPAL MATERIALS USED IN WOOL MANUFACTURES, BY STATES: 1925, 1919, AND 1914

[This table presents statistics for the principal States for which separate figures can be given without disclosing operations of individual establishments. Some of the "All other States," however, reported larger quantities of some of the materials used than some of the States shown separately]

[No data for materials tabulated for 1923 and 1921. See "Monthly statistics," Table 1, p. 405]

MATERIAL AND STATE	POUNDS		
	1925	1919	1914
Wool:			
In condition in which purchased:			
Connecticut	555,262,941	481,728,475	502,857,388
Maine	23,167,474	11,707,319	10,905,000
Massachusetts	11,502,661	8,114,346,905	8,933,005
New Hampshire	152,741,797	103,264,869	106,030,567
New Jersey	20,303,286	21,728,587	17,181,490
New York	48,562,196	49,677,494	60,460,202
Pennsylvania	78,011,595	49,029,245	80,420,225
Rhode Island	105,569,728	78,308,288	84,879,428
All other States	60,929,370	1,531,637,082	82,027,429
Domestic	48,494,825	46,038,688	44,389,926
Connecticut	201,893,253	258,888,421	277,558,101
Maine	10,337,710	8,703,814	7,024,204
Massachusetts	6,280,055	10,994,186	8,752,924
New Hampshire	79,794,894	174,574,826	185,349,530
New Jersey	9,466,230	10,743,702	5,818,261
New York	30,622,248	28,173,174	32,602,750
Pennsylvania	13,800,183	16,386,070	26,051,720
Rhode Island	39,176,837	40,438,033	45,811,154
All other States	87,165,130	1,381,14,868	43,862,801
Foreign	36,247,923	25,663,872	24,024,753
Connecticut	293,369,588	237,890,054	225,290,238
Maine	12,829,764	15,003,505	11,081,766
Massachusetts	5,252,478	14,351,739	2,210,081
New Hampshire	72,046,008	3,683,030,043	70,000,137
New Jersey	10,837,047	10,984,885	11,313,239
New York	17,927,960	21,404,320	17,797,452
Pennsylvania	4,211,412	33,292,269	35,368,406
Rhode Island	63,882,891	32,415,255	39,068,276
All other States	29,704,248	120,522,224	19,274,628
Equivalent in scoured condition:	18,246,902	21,273,814	19,465,108
Connecticut	351,007,226	205,388,119	307,705,932
Maine	17,443,037	19,502,788	16,886,974
Massachusetts	10,470,026	10,227,901	7,251,076
New Hampshire	96,406,887	100,078,480	96,014,078
New Jersey	9,250,801	13,875,687	12,551,304
New York	23,037,378	20,037,601	25,471,180
Pennsylvania	54,994,114	28,560,910	37,448,054
Rhode Island	57,036,874	44,164,070	54,326,016
All other States	36,003,933	130,642,308	31,490,327
Hair: Mohair, camel, alpaca, vicuna, and other animal hair:	85,904,887	82,248,211	29,850,473
Mule	60,518,341	54,340,349	44,131,227
Massachusetts	6,351,801	4,643,000	3,800,538
New York	7,773,028	3,10,844,803	5,300,163
Pennsylvania	3,221,970	5,245,001	5,487,256
All other States	14,165,175	13,530,637	17,128,417
Cotton:	33,016,300	10,000,370	12,365,824
Maine	40,188,244	22,682,635	35,307,082
Massachusetts	5,214,730	1,3,235,408	2,033,786
New Hampshire	11,078,006	6,084,508	10,814,763
New York	1,377,283	903,008	2,290,290
North Carolina	9,216,474	2,758,508	8,486,922
Pennsylvania	2,825,749	(6)	(6)
Rhode Island	3,443,379	2,913,106	7,285,788
All other States	896,125	382,396	904,014
	5,630,618	7,253,081	7,580,593

See footnotes at end of table.

TABLE 3.—PRINCIPAL MATERIALS USED IN WOOL MANUFACTURES, BY STATES: 1925, 1919, AND 1914—Continued

[See notes at head of this table]

MATERIAL AND STATE	POUNDS		
	1925	1919	1914
Recovered wool fiber			
Connecticut	40,345,188	37,532,275	30,158,915
Maine	1,816,079	1,900,777	2,156,619
Massachusetts	5,048,984	8,397,918	3,443,594
New Hampshire	8,213,388	11,120,116	3,583,328
New York	12,879,820	(*)	(*)
Pennsylvania	1,625,298	2,177,238	2,202,861
Rhode Island	2,888,242	2,436,905	6,780,138
Wisconsin	1,308,420	1,468,061	1,720,113
All other States ⁴	1,527,706	(*)	(*)
	5,047,561	8,031,370	7,002,267
Waste and noils of wool, mohair, camel hair, etc.			
Connecticut	50,815,339	51,481,261	50,350,387
Maine	3,838,047	1,080,989	2,953,136
Massachusetts	8,371,475	5,162,141	3,564,425
New Hampshire	18,808,010	15,582,931	10,959,863
New Jersey	4,470,107	(*)	(*)
New York	2,903,764	2,109,377	6,160,433
Pennsylvania	5,541,551	4,167,529	4,983,209
Rhode Island	5,142,284	8,749,369	8,980,422
All other States ⁴	2,407,350	1,743,002	2,075,203
	8,241,761	9,985,833	10,728,096
Tops, purchased			
Massachusetts	46,359,672	26,466,973	29,177,790
Pennsylvania	17,000,568	6,760,376	9,110,710
Rhode Island	3,078,934	2,490,316	4,029,376
All other States ⁴	15,584,868	12,085,309	10,221,069
	9,795,304	5,124,972	5,810,635
Yarns, purchased			
Connecticut	237,578,880	171,014,004	214,451,204
Maine	14,030,077	4,230,473	5,778,136
Massachusetts	5,098,605	3,749,882	3,631,773
New Hampshire	445,808,510	36,417,315	44,334,079
New Jersey	1,121,222	1,182,461	1,526,795
New York	17,230,042	11,749,327	11,654,345
Pennsylvania	47,976,037	31,086,613	44,743,528
Rhode Island	84,747,577	65,078,206	70,322,421
All other States ⁴	13,933,676	14,484,858	17,529,845
	6,934,140	10,020,771	14,930,282
Woolen			
Massachusetts	37,246,261	25,759,406	23,802,234
New Jersey	8,336,738	3,315,996	3,980,066
New York	5,635,301	2,642,841	1,114,365
Pennsylvania	2,027,852	1,582,377	762,865
All other States ⁴	22,839,739	16,829,834	17,118,410
	3,356,631	1,488,338	820,528
Worsted			
Connecticut	53,820,164	47,120,670	62,895,372
Massachusetts	2,526,806	3,508,193	4,161,962
New Jersey	21,279,064	14,735,188	19,458,214
New York	4,138,500	5,229,676	7,066,772
Pennsylvania	1,087,216	1,127,777	2,316,693
Rhode Island	12,011,010	9,459,434	14,004,345
All other States ⁴	11,547,528	11,790,315	14,007,573
	1,230,031	1,186,087	980,813
Merino			
Pennsylvania	1,695,368	1,609,028	706,483
All other States ⁴	1,695,368	1,304,121	352,555
		304,902	353,928
Mohair			
Pennsylvania	3,160,854	1,113,035	(*)
All other States ⁴	1,189,293	884,868	(*)
	1,971,561	278,177	(*)
Cotton			
Connecticut	52,000,745	40,039,351	56,988,320
Maine	5,140,348	641,280	1,477,480
Massachusetts	4,513,118	3,749,882	3,493,361
New Hampshire	11,664,023	15,024,251	14,764,361
New Jersey	992,261	1,182,461	1,355,189
New York	2,963,375	2,087,080	1,290,906
Pennsylvania	5,616,092	5,892,876	8,736,856
Rhode Island	16,307,179	12,372,351	18,816,137
All other States ⁴	1,783,714	2,521,128	2,369,712
	3,020,635	2,568,042	4,734,377

See footnotes at end of table

TABLE 3.—PRINCIPAL MATERIALS USED IN WOOL MANUFACTURES, BY STATES: 1925, 1919, and 1914—Continued

(See notes at head of this table)

MATERIAL AND STATE	POUNDS		
	1925	1919	1914
Yarns, purchased—Continued.			
Silk and spun silk	718,845	542,587	794,693
Massachusetts	139,080	184,364	201,216
New Jersey	23,952	40,064	22,721
New York	21,803	4,088	16,597
Pennsylvania	236,411	171,860	356,266
Rhode Island	76,274	109,099	110,662
All other States	221,285	81,612	93,331
Rayon	2,543,220	38,900	(*)
Massachusetts	1,568,063	6,849	(*)
Pennsylvania	474,567	19,288	(*)
All other States	470,590	13,884	(*)
Linen	993,490	2,295,500	7,611,078
Pennsylvania	269,280	527,216	1,430,450
All other States	674,200	1,708,284	6,180,610
Jute	580,073,475	47,389,342	61,653,015
Massachusetts	4,847,604	2,937,077	4,789,031
New Jersey	4,146,323	1,848,766	2,087,281
New York	38,802,082	21,640,933	29,080,107
Pennsylvania	28,073,448	16,560,254	18,244,249
All other States	4,744,413	4,403,612	7,451,747
Other yarns	4,780,455	(*)	(*)
Massachusetts	3,033,988	(*)	(*)
Pennsylvania	1,661,323	(*)	(*)
All other States	91,144	(*)	(*)

① Excludes statistics for 1 establishment to avoid disclosing its operations.

② Excludes statistics for 3 establishments to avoid disclosing their operations.

③ Excludes statistics for 2 establishments to avoid disclosing their operations.

④ Includes establishments referred to in footnotes 1, 2, and 3.

Figures not available.

Figures for prior years not strictly comparable, as they include data for ramie and other vegetable-fiber yarns.

⑤ Included in figures for "Jute." (See footnote 6.)

TABLE 4.—MACHINERY USED IN WOOL MANUFACTURES: 1904 TO 1925
[No data for machinery called for on schedules for 1923 and 1921. See "Monthly statistics," Table 2, p. 406]

KIND	NUMBER					PER CENT OF INCREASE OR DECREASE (-)		
	1925	1910	1914	1909	1904	1919-1925	1914-1925	1904-1925
Woolen cards (sets) ①	3,140	6,835	5,382	5,555	6,142	5.2	14.1	(*)
Wool-combing machines	2,783	2,294	2,425	2,120	1,549	10.1	12.7	76.4
Spindles ②	6,126,020	5,242,613	5,066,286	4,570,080	4,021,098	16.0	22.4	52.3
Looms ③	80,020	77,338	76,786	73,288	66,203	4.3	5.0	21.8
Pickers	1,126	1,223	1,392	1,066	1,812	-8.0	-19.2	-37.9
Garnett machines	206	211	221	251	245	-2.4	-6.8	-15.9

① Includes shoddy cards.

② Decrease less than one-tenth of 1 per cent.

③ Woolen, worsted, shoddy, and cotton spindles. (See Table 7.)

④ Exclusive of carpet and rug looms.

TABLE 5.—SETS OF WOOLEN CARDS (INCLUDING SHODDY CARDS), BY WIDTH, USED IN WOOL MANUFACTURES, FOR THE UNITED STATES, 1904 TO 1925, AND FOR STATES, 1925.

[No data for machinery called for on schedules for 1923 and 1921. See "Monthly statistics," Table 2, p. 406.]

STATE	Total	Under 40"	40"! 48"	48"	60"! 60"	Over 60"
United States:						
1925—	6,140	129	570	3,002	2,206	173
1919—	5,835	132	756	3,241	1,508	108
1914—	5,382	113	920	2,366	1,272	811
1909—	5,555	146	819	2,624	1,328	638
1904—	6,142	170	1,287	2,937	1,331	367
California—	10		1	1	5	3
Connecticut—	556		53	398	102	3
Georgia—	38			13	25	
Illinois—	62		12	19	31	
Indiana—	64		1	61	2	
Iowa—	13			13		
Kentucky—	25		1	2	22	
Maine—	562	8	59	369	131	
Maryland—	25			14	11	
Massachusetts—	1,583	34	204	813	488	44
Michigan—	73		1	39	38	
Minnesota—	52	1	2	35	14	
Missouri—	8			6	2	
New Hampshire—	488	2	76	281	59	20
New Jersey—	162		16	50	47	49
New York—	877	44	116	392	309	17
North Carolina—	47			5	42	
Ohio—	91	1		28	65	2
Oregon—	46		1	34	10	
Pennsylvania—	774	42	2	151	678	1
Rhode Island—	284		6	163	81	34
Tennessee—	42			6	36	
Utah—	5			4	1	
Vermont—	134		7	91	36	
Virginia—	41	2		10	20	
Washington—	14			14		
West Virginia—	31		4	6	21	
Wisconsin—	84		9	40	26	

¹ Includes cards between 40 and 48 inches, as follows: For 1925, 49 sets; for 1919, 85; for 1914, 104; for 1909, 117; for 1904, 167.

² Includes cards between 48 and 60 inches, as follows: For 1925, 56 sets; for 1919, 19; for 1914, 2; for 1909, 8; for 1904, 0.

³ Includes sets of woolen cards, not distributed by width, as follows: For 1914, 742; for 1909, 456; and for 1904, 174.

TABLE 6.—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, FOR THE WOOL-MANUFACTURES GROUP, BY STATES: 1925, 1923, AND 1921

(This table presents statistics for the principal States for which separate figures can be given without disclosing operations of individual establishments. Some of the "All other States," however, reported larger quantities and values of some classes of products than some of the States shown separately.)

CLASS AND STATE	QUANTITY						VALUE					
	1925		1923		1921		1925		1923		1921	
	Pounds	Square yards	Pounds	Square yards	Pounds	Square yards	\$	\$	\$	\$	\$	\$
Total value							\$1,199,417,490	\$1,312,719,242	\$888,557,982	\$1,312,719,242	\$888,557,982	\$1,312,719,242
Suitings, dress goods, overcoatings, and cloakings												
Connecticut	262,822,396	461,167,753	314,456,377	512,198,531	234,775,086	423,902,925	\$60,674,525	\$65,307,886	\$51,894,542	\$60,674,525	\$51,894,542	\$60,674,525
Maine	14,322,315,044	23,355,911	17,827,604	24,624,068	14,584,587	14,584,587	1,34,772,349	1,37,551,886	1,30,526,611	1,34,772,349	1,37,551,886	1,34,772,349
Massachusetts	96,773,391	174,540,363	177,876,776	201,904,661	182,868,416	182,868,416	200,612,982	244,405,911	161,306,736	200,612,982	244,405,911	161,306,736
New Hampshire	15,480,370	27,675,427	31,720,268	32,374,138	22,291,138	21,882,044	4,25,401,601	4,24,690,485	1,67,306,002	4,25,401,601	4,24,690,485	1,67,306,002
New Jersey	11,441,767	27,942,716	31,752,007	31,229,257	12,527,526	12,527,526	1,21,729,953	1,21,686,806	1,21,514,686	1,21,729,953	1,21,686,806	1,21,514,686
New York	15,462,365	34,455,341	11,374,877	11,750,726	11,18,506	11,18,506	11,630,773	11,630,773	15,978,122	11,630,773	11,630,773	15,978,122
Pennsylvania	32,427,478	85,643,422	24,147,458	44,657,264	22,117,282	37,544,773	4,7,031,765	55,979,555	68,029,651	4,7,031,765	55,979,555	68,029,651
Rhode Island	32,726,937	56,502,746	34,963,522	1,59,385,522	26,238,020	26,238,020	76,930,320	76,930,320	19,982,690	76,930,320	76,930,320	19,982,690
All other States	42,499,387	67,228,511	49,016,138	77,653,777	49,016,138	49,016,138	74,400,585	74,400,585	40,002,204	74,400,585	74,400,585	40,002,204
All wool worsted												
Connecticut	105,257,724	153,568,014	133,016,173	172,086,644	96,796,934	132,520,200	198,386,369	231,285,077	167,253,384	198,386,369	231,285,077	167,253,384
Maine	11,340,916	18,041,392	13,946,927	17,765,863	10,475,037	13,485,175	20,340,756	23,741,068	18,448,974	20,340,756	23,741,068	18,448,974
Massachusetts	16,398,288	23,634,867	21,884,836	25,516,739	10,986,016	13,447,940	29,340,341	33,741,068	16,580,350	29,340,341	33,741,068	16,580,350
New Hampshire	30,905,740	45,978,573	37,795,404	50,231,289	29,885,994	45,292,705	57,259,963	64,866,388	47,474,487	57,259,963	64,866,388	47,474,487
New Jersey	10,504,120	11,559,268	11,768,782	15,701,192	12,154,921	12,154,921	19,144,217	19,144,217	14,493,737	19,144,217	19,144,217	14,493,737
New York	1,105,896	1,670,435	1,104,660	1,888,296	3,980,644	5,604,573	4,025,415	4,025,415	4,025,415	4,025,415	4,025,415	4,025,415
Pennsylvania	4,727,909	6,093,881	8,662,924	7,910,733	5,659,592	8,112,184	5,032,357	5,456,004	5,957,039	5,032,357	5,456,004	5,957,039
Rhode Island	5,591,059	8,046,902	8,046,902	8,046,902	10,350,523	9,021,452	25,398,044	32,334,053	13,083,425	25,398,044	32,334,053	13,083,425
All other States	1,188,671	6,493,911	12,108,447	19,165,053	7,746,935	18,189,943	14,061,933	14,061,933	19,982,690	14,061,933	14,061,933	19,982,690
All wool worsted	82,803,391	179,162,874	107,658,297	210,988,102	87,117,924	185,358,475	275,617,190	323,939,378	279,912,705	275,617,190	323,939,378	279,912,705
Connecticut	1,935,144	3,520,588	2,487,441	4,441,820	2,988,609	5,329,496	5,329,496	5,329,496	5,704,611	5,329,496	5,329,496	5,704,611
Massachusetts	33,786,413	71,531,993	47,255,812	93,248,940	38,303,543	86,600,088	107,344,317	142,368,651	113,536,236	107,344,317	142,368,651	113,536,236
New Jersey	2,335,889	25,266,281	18,180,941	29,095,945	5,546,882	21,694,941	46,780,044	52,562,431	43,383,431	46,780,044	52,562,431	43,383,431
New York	2,440,968	5,468,345	3,345,694	7,712,306	3,815,275	7,107,331	8,380,580	11,342,058	11,342,058	8,380,580	11,342,058	11,342,058
Pennsylvania	7,363,405	15,475,756	9,390,162	12,718,557	20,400,013	21,718,557	24,275,649	24,275,649	34,275,649	24,275,649	34,275,649	34,275,649
Rhode Island	19,508,424	40,162,120	32,545,335	38,029,932	34,144,730	60,622,527	59,424,927	59,424,927	51,017,212	59,424,927	51,017,212	59,424,927
All other States	7,582,168	16,727,091	10,457,642	24,315,140	5,255,025	10,082,100	18,688,309	23,723,866	15,116,312	18,688,309	23,723,866	15,116,312
Wool-and-cotton mixed	17,016,594	26,124,408	17,993,393	24,732,315	12,334,625	18,489,107	25,942,503	26,261,240	14,270,536	25,942,503	26,261,240	14,270,536
Massachusetts	2,535,871	3,711,384	5,736,809	6,816,615	9,006,259	5,107,648	8,024,529	8,024,529	6,533,585	8,024,529	8,024,529	6,533,585
Pennsylvania	4,686,651	7,344,312	3,010,728	4,972,840	2,952,804	2,273,919	8,483,282	8,483,282	6,285,947	8,483,282	8,483,282	6,285,947
All other States	9,764,072	15,062,732	9,185,756	12,840,840	4,411,461	6,530,514	14,351,573	14,351,573	11,977,964	14,351,573	14,351,573	11,977,964

Cotton-warp woollen.....	40,159,170	60,923,611	38,821,030	63,203,062	24,345,888	44,353,298	37,001,670
Maine.....	5,956,701	9,967,749	2,546,073	2,546,212	1,265,164	1,265,335	2,651,634
Massachusetts.....	29,727,532	28,721,523	28,655,367	3,121,633	8,193,933	4,314,160	11,677,723
New Hampshire.....	3,695,082	8,287,754	4,537,334	10,214,946	2,426,816	1,889,045	2,465,634
Pennsylvania.....	8,476,340	2,354,939	1,682,739	3,426,282	6,146,080	9,243,719	1,361,989
All other States.....	8,456,465	11,614,936	9,803,967	14,934,780	6,443,719	9,201,403	5,242,596
Cotton-wool worsted.....	17,685,517	41,378,846	16,967,574	41,188,408	14,129,745	43,151,075	25,749,276
Massachusetts.....	9,102,845	24,557,290	7,300,359	22,222,277	6,341,450	23,184,088	28,800,500
Pennsylvania.....	1,113,023	2,771,523	1,407,141	3,039,117	1,376,631	3,695,732	11,918,636
Rhode Island.....	4,024,818	6,746,213	4,758,079	7,172,859	1,960,446	5,015,625	1,755,642
All other States.....	3,944,831	7,368,820	3,411,915	8,554,155	4,652,218	11,24,569	5,110,934
Satinets and lingers.....	4,526,186	11,877,015	3,863,126	6,107,064	2,850,709	4,523,398	4,244,228
Massachusetts.....	3,814,925	6,156,997	3,137,345	2,475,719	1,416,925	2,737,289	1,279,163
All other States.....	4,011,261	5,741,018	1,619,649	2,475,719	1,756,109	2,036,557	1,279,163
Blankets, all-wool ¹	8,050,404	12,472,703	8,722,956	13,259,461	6,621,787	7,784,813	10,700,046
Ohio.....	948,234	1,574,717	689,778	1,222,455	1,325,738	206,932	1,456,753
Pennsylvania.....	651,835	1,028,273	806,110	1,571,426	805,638	888,967	1,039,654
Tennessee.....	985,889	1,702,793	(6)	(6)	(6)	(6)	1,124,449
All other States.....	5,405,834	8,165,920	7,226,968	10,465,850	5,889,386	6,708,914	8,630,140
Blankets, cotton-warp ²	9,346,483	16,070,065	8,189,209	12,201,050	6,913,792	9,368,255	7,410,594
Maine.....	4,543,114	7,849,149	2,048,792	3,525,551	1,887,934	3,036,773	1,217,640
All other States.....	4,803,349	7,220,916	6,144,417	8,675,509	5,035,372	6,281,478	4,122,894
All other woolen and worsted woven goods.....	47,617,058	80,960,492	46,502,410	80,379,654	24,887,887	52,666,244	84,882,111
Connecticut.....	4,924,301	10,420,696	2,424,233	12,729,252	19,634,938	1,411,302	10,301,713
Maine.....	10,111,696	10,420,261	12,729,252	19,634,938	5,820,394	1,855,223	18,697,481
Massachusetts.....	11,657,287	34,227,873	10,487,798	37,427,978	6,448,101	27,786,603	26,160,252
New Hampshire.....	2,126,718	2,179,902	4,662,861	4,417,901	1,687,104	1,687,776	2,227,556
New York.....	2,360,138	2,142,220	1,601,352	2,006,325	986,334	594,582	3,139,771
Pennsylvania.....	4,635,417	8,861,164	4,266,883	7,859,870	2,059,326	2,177,539	2,657,879
All other States.....	12,461,531	16,386,351	10,332,131	14,688,679	6,461,667	9,732,806	18,197,577
Carpets and rugs.....	72,100,609	88,242,463	72,100,609	88,242,463	52,905,663	183,008,394	192,187,473
Massachusetts.....	8,392,232	9,686,889	8,392,232	9,686,889	8,399,668	23,307,554	23,315,905
New York.....	30,116,935	32,435,924	30,116,935	32,435,924	24,788,068	69,556,460	74,907,080
Pennsylvania.....	25,746,793	30,441,867	25,746,793	30,441,867	15,491,352	68,573,566	67,653,152
All other States.....	7,894,649	10,174,803	7,894,649	10,174,803	6,396,360	26,100,218	31,621,956

¹ Exclusive of 2 establishments included in "All other States" to avoid disclosing their operations.

² Exclusive of 3 establishments included in "All other States" to avoid disclosing its operations.

³ Exclusive of 1 establishment included in "All other States" to avoid disclosing its operations.

⁴ Exclusive of 5 establishments included in "All other States" to avoid disclosing their operations.

⁵ Not including horse blankets.

⁶ Included in "All other States" to avoid disclosing operations of individual establishments.

Source: U.S. Bureau of the Census, *Manufacturing in the United States, 1937*.

TABLE 6.—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, FOR THE WOOL-MANUFACTURES GROUP, BY STATES: 1925, 1928, AND 1921—Continued

[See note at head of this table.]

CLASS AND STATE		QUANTITY			VALUE
		1925	1928	1921	
Pounds	Square yards	Pounds	Square yards	Pounds	Square yards
Felt goods	56,637,259	32,168,052	\$40,501,057	\$29,888,978	\$22,388,550
Connecticut	4,170,270	1,158,041	3,245,202	3,177,105	1,529,203
Massachusetts	12,358,913	7,491,638	8,101,533	5,601,210	3,476,945
New Jersey	9,304,681	3,036,762	2,896,289	1,461,945	1,024,038
New York	8,113,158	5,118,879	11,938,716	6,704,722	5,801,957
Pennsylvania	7,901,176	4,982,073	9,905,954	1,082,643	6,210,855
All other States	2,259,127	9,987,659	12,887,584	12,916,448	12,887,584
Dozens					
Wool felt hats	558,471	613,147	335,856	7,687,643	7,661,047
New York	144,342	115,929	50,726	2,021,074	2,007,060
Pennsylvania	188,426	213,437	146,753	1,975,582	2,170,942
All other States	225,703	183,781	135,177	3,684,957	1,623,432
Yarns for sale					
Connecticut	152,571,059	181,952,151	126,256,611	211,537,051	233,495,583
Massachusetts	420,272	755,313	498,867	1,412,589	790,472
New Jersey	1,804,198	2,610,675	1,753,721	2,629,214	1,785,141
New York	33,312,710	40,489,232	28,767,129	53,751,939	36,612,325
Pennsylvania	10,116,568	12,738,482	10,960,611	17,622,117	17,285,220
Rhode Island	3,327,350	5,668,430	2,970,236	3,954,173	7,162,918
Wisconsin	61,388,747	49,383,766	55,552,527	80,710,355	51,092,947
All other States	31,414,645	32,340,207	24,552,527	57,918,307	42,176,316
Woolen					
Massachusetts	32,680,573	1,056,397	2,236,840	542,130	1,064,131
Pennsylvania	2,945,926	7,380,664	3,315,350	11,064,688	6,945,381
Rhode Island	5,917,786	10,221,370	6,300,839	12,124,350	12,124,350
All other States	9,918,688	44,449,281	49,577,202	31,260,709	34,357,986
Worsted					
Massachusetts	3,375,496	3,889,912	2,678,601	2,823,075	2,506,524
Pennsylvania	1,515,926	37,330,389	22,029,988	21,786,762	18,883,032
Rhode Island	5,917,786	7,380,664	3,315,350	4,495,963	2,780,283
All other States	11,319,345	113,467,890	85,974,055	5,251,776	6,387,617
Wool					
Massachusetts	8,575,677	31,755,743	22,215,836	40,707,113	22,659,073
New Jersey	1,170,705	11,391,742	10,807,282	16,105,405	16,123,391
New York	22,781,307	31,499,131	26,083,320	47,151,811	35,643,406
Pennsylvania	20,008,071	27,480,053	38,924,699	54,088,849	34,356,841
Rhode Island	6,288,812	7,890,537	9,860,839	7,297,142	7,297,142

Merino	19,409,003	11,483,458						
Massachusetts	2,428,132	2,902,440						
Pennsylvania	5,665,379	5,244,357						
Rhode Island	8,640,359	1,964,626						
All other States	2,675,193	1,382,035						
All other								
Massachusetts	5,283,430	7,413,901						
Pennsylvania	2,804,399	1,947,182						
All other States	1,687,548	2,477,359						
Noils and wool waste								
Massachusetts	44,680,005	55,826,915						
New Jersey	20,983,375	26,278,648						
New York	4,234,210	6,188,252						
Pennsylvania	2,359,996	2,101,256						
Rhode Island	4,909,349	5,181,248						
All other States	6,053,234	7,482,810						
All other products, value, and amounts received for contract work								
Connecticut	6,149,841	8,599,801						
Maine								
Massachusetts								
New Jersey								
New York								
Ohio								
Pennsylvania								
Rhode Island								
All other States								

* Included in "All other States" to avoid disclosing operations of individual establishments.

CENSUS OF MANUFACTURES: 1925

TABLE 7.—MACHINERY USED IN WOOL MANUFACTURES, BY INDUSTRIES: 1925 AND 1919

(No data for machinery called for on schedules for 1923 and 1921. See "Monthly statistics," Table 2, p. 406.)

KIND	WOOL MANUFACTURES, TOTAL		WOOLEN GOODS		WORSTED GOODS		CARPETS AND RUGS		FELT GOODS AND WOOL-FELT HATS	
	1925	1919	1925	1919	1925	1919	1925	1919	1925	1919
Cards, number—										
Woolen	8,926	8,203	1,4,563	1,4,618	2,868	2,457	856	592	644	536
Worsted	6,140	5,835	4,933	4,938	2,269	333	714	463	644	538
Combs	2,451	2,143	27	27	2,041	142	142	82	47	—
Spindles	335	225	43	43	312	83	—	—	—	—
Woolen	6,126,029	5,242,613	2,021,857	1,888,213	3,817,174	3,087,919	253,355	233,226	51,543	33,235
Worsted	2,285,436	2,201,666	1,897,145	1,853,014	177,063	169,586	188,745	155,983	51,543	33,235
Combs	3,714,573	2,985,825	1,01,580	1,26,371	3,516,388	2,883,132	96,610	95,312	35,215	35,215
Marl spinning	1,153,020	52,082	22,322	14,828	129,788	25,245	—	—	12,015	40
Woolen	2,985,861	2,764,180	1,830,953	1,764,133	963,977	887,312	138,423	126,788	50,508	32,947
Worsted	2,160,915	2,079,628	1,227,058	1,761,483	154,989	166,420	168,366	118,868	50,503	32,907
Combs	822,946	881,552	3,900	2,700	908,988	670,892	10,088	7,920	—	40
Frame spinning	2,175,945	1,676,139	97,523	48,482	2,010,882	1,585,135	67,080	72,572	—	—
Woolen	1,6,107	1,303	5,313	23,513	1,334	1,521	—	—	—	—
Worsted	2,012,106	1,601,602	68,978	12,311	1,876,048	1,521,551	67,080	57,792	—	—
Doubling and twisting	147,732	43,232	29,232	12,608	124,500	23,584	—	7,040	—	—
Woolen	966,223	805,294	98,476	75,648	942,315	685,469	29,832	33,966	580	311
Worsted	81,414	90,733	64,774	65,688	5,680	13,116	10,380	9,238	580	311
Combs	879,521	705,701	23,702	2,220	831,347	680,689	19,472	19,652	—	—
Looms	4,288	4,8,860	—	—	5,288	1,664	—	4,976	—	—
Power	90,958	85,495	31,235	29,584	48,251	45,835	10,759	9,256	683	510
Broad (64 inches or over, reed space)	90,841	85,214	31,190	29,850	48,240	45,818	10,713	8,996	683	510
Automatic.	57,104	51,282	24,901	21,637	31,710	29,281	128	484	685	480
Other than automatic.	17,220	(5)	6,143	(5)	11,860	(5)	123	(5)	—	—
Medium (50 to 64 inches)	30,854	(6)	10,458	(6)	19,850	(5)	—	—	576	(5)
Automatic.	5,333	6,330	645	1,596	4,694	6,422	33	297	—	—
Other than automatic.	3,336	(6)	267	(6)	3,029	(5)	38	(5)	—	—
Automatic.	2,037	(6)	378	(6)	6,635	(5)	—	—	2	(5)
Narrow (under 50 inches)	18,056	17,705	5,944	11,586	10,115	264	—	14	14	(5)
Automatic.	8,023	(6)	7,747	(6)	7,227	(5)	48	318	12	15
Other than automatic.	10,103	(6)	5,197	(6)	4,699	(5)	216	(5)	1	(5)
Carpets and rug looms ⁴	10,238	7,887	7,7	—	—	—	10,283	7,897	—	—
Carpet looms	5,862	4,084	4,386	—	—	—	5,862	4,084	—	—
Rug looms	4,426	3,863	3,983	—	—	—	3,863	3,863	—	—
Hand	—	—	—	—	—	—	—	41	41	—
	65	65	4	—	—	—	—	11	11	—
								17	17	—

Wood-combing machines.....	2,733	2,294	80	26	2,557	2,171	•	96	85	12
American manufacture.....	505	739	5	7	734	647	66	73	73	12
English (or Bradford).....	724	719	5	6	633	630	66	73	73	10
Other.....	71	1,555	75	1	71	17	30	12	12	2
Foreign manufacture.....	1,928	1,080	75	19	1,823	1,524	30	12	12	2
English (or Bradford).....	1,248	475	51	19	1,167	1,049	30	12	12	2
French.....	680	—	24	—	656	475	—	—	—	—
Braiding machines.....	54	232	17	2	—	—	35	—	2	—
Pickers.....	1,125	1,223	849	984	103	92	66	90	100	35
Garnett machines.....	206	211	101	126	21	29	50	21	34	35

¹ Sets of cards.² Includes shoddy spindles.³ Includes shoddy cards.

⁴ Includes 2,072 spindles for doubling and twisting paper stock.
⁵ No data.
⁶ For distribution by kind of looms, see Tables 6 and 7, under "Carpets and rugs, wool," p. 390.

TABLE 8.—MACHINERY USED IN WOOL MANUFACTURES, BY SELECTED STATES: 1925

KIND	United States	Connecticut	Georgia	Illinois	Indiana	Kentucky	Maine	Massachusetts	Michigan	Minnesota	New Hampshire	New Jersey
Cards, number.....	8,926	592	61	62	64	40	583	2,840	73	52	536	398
Woolen.....	6,140	556	38	62	64	25	562	1,583	73	32	433	162
Worsted.....	2,481	36	—	—	—	15	945	312	—	98	236	236
Cotton.....	335	—	—	23	—	—	—	—	—	—	—	—
Spindles.....	6,126,099	201,191	24,003	18,390	28,712	35,778	382,681	2,104,412	36,558	16,337	245,978	411,284
Woolen.....	2,258,436	214,415	18,951	14,640	28,712	35,778	382,681	2,104,412	36,558	16,337	147,044	74,300
Cotton.....	3,714,573	46,776	5,112	3,750	—	20,760	150,674	557,771	1,357,771	98,934	336,984	336,984
Mule spindles.....	2,983,881	212,287	17,747	13,612	28,172	14,758	209,595	896,316	33,074	16,413	150,778	198,988
Frame spindles.....	2,175,945	24,188	5,616	3,558	540	14,380	135,396	896,709	144	124	73,152	139,304
Doubling and twisting spindles.....	966,223	24,716	700	1,210	—	6,660	37,700	321,387	3,340	—	16,148	71,972
Looms.....	90,358	5,576	414	240	372	209	5,183	22,735	207	184	4,447	6,515
Power.....	90,341	5,576	414	240	372	209	5,183	32,735	207	184	4,447	6,515
Automatic.....	28,579	1,151	94	37	16	80	1,750	13,464	28	68	6,483	6,483
Other than automatic.....	61,974	3,666	330	203	350	129	3,433	17,942	179	116	2,358	2,358
Not distributed (carpet and rug).....	10,288	859	—	—	—	—	—	—	—	—	—	—
Broad.....	57,104	3,601	187	188	321	196	5,077	19,127	203	184	3,805	4,615
Medium.....	5,393	319	—	—	62	—	—	—	—	—	—	—
Narrow.....	18,056	737	227	—	61	—	—	—	—	—	476	1,311
Carpet and rug.....	10,288	859	—	—	—	14	1,016	10,900	4	—	67	67
Hand.....	117	—	—	—	—	—	—	—	—	—	—	507
Wool-combing machines.....	2,733	31	9	3	—	13	36	991	317	14	96	452
Pickers.....	1,125	1,223	101	1	—	5	1	6	54	3	57	35
Garnett machines.....	206	211	101	—	—	1	—	—	—	1	4	12

See footnotes at end of table

TABLE 8.—MACHINERY USED IN WOOL MANUFACTURES, BY SELECTED STATES: 1925—Continued

KIND		New York	North Carolina	Ohio	Oregon	Pennsylvania	Rhode Island	Tennessee	Vermont	Virginia	West Virginia	Wisconsin	All other States ¹
Cards, number	1,043	67	160	51	1,138	701	42	186	41	36	94	87	87
Woolen	877	47	91	45	774	284	42	134	41	31	84	75	75
Worsted	166	60	60	6	364	417	22	—	4	10	—	22	22
Cotton	20	—	—	—	—	—	—	—	—	—	—	—	—
Spindles	408,904	25,214	37,326	22,552	64,519	389,442	31,757	75,768	23,720	19,366	41,340	45,630	45,630
Woolen	193,788	21,514	39,696	19,932	236,459	133,636	31,757	63,953	19,220	16,620	33,598	29,266	29,266
Worsted	210,116	47,630	3,580	3,580	557,030	806,756	12,200	4,000	3,788	7,743	16,374	16,374	16,374
Cotton	3,700	—	—	—	—	—	—	—	—	—	—	—	—
Mule spindles	186,814	27,384	36,912	19,664	395,503	336,356	31,757	63,043	18,882	15,120	31,784	34,562	34,562
Frame spindles	154,470	3,700	36,786	2,780	302,292	356,492	—	10,000	2,900	2,568	9,672	9,672	9,672
Doubling and twisting spindles	62,620	130	13,618	1,688	146,774	216,594	—	2,720	2,038	1,620	3,468	1,456	1,456
Looms	7,136	464	1,524	428	12,682	8,530	861	1,793	287	239	450	741	737
Power	7,131	436	1,523	428	12,617	8,530	861	1,793	287	239	450	741	737
Automatic	1,013	345	692	117	17,551	2,874	248	306	62	36	422	222	222
Other than automatic	2,335	66	831	311	17,201	5,766	618	1,927	233	239	422	515	515
Not distributed (carpet and rug)	3,703	25	—	—	—	3,805	—	1,519	278	238	449	411	411
Broad	2,558	404	1,494	340	5,625	7,474	350	1,519	278	238	449	411	411
Medium	203	2	—	—	—	5,625	319	96	—	—	—	2	2
Narrow	669	5	28	31	—	2,536	737	415	274	9	1	8	8
Carpet and rug	3,703	25	28	1	—	3,816	45	—	—	1	—	1	1
Hand	5	—	—	—	—	—	—	—	—	—	—	—	—
Wool-combing machines	150	—	42	2	—	396	491	4	—	—	5	12	12
Pickers	112	14	27	8	—	195	44	47	6	—	24	24	24
Garnett machines	40	3	6	1	—	30	8	1	1	—	5	5	2

¹ Includes shoddy cards.² Includes shoddy spindles.

California, Delaware, Iowa, Louisiana, Maryland, Missouri, South Carolina, Texas, Utah, and Washington.

THE CENSUS OF MANUFACTURES

MANUFACTURE OF WOOLEN AND WORSTED GOODS

WOOLEN GOODS AND WORSTED GOODS

[A preliminary report for these industries was issued under date of March 22, 1927]

Description of the industries.—The manufacture of woolen goods and the manufacture of worsted goods are treated as separate industries, and each establishment engaged primarily in the production of either class of goods is assigned to one industry or the other according to the character of its products of chief value. Woolen goods are made of carded yarns, the fibers of which are to some extent crossed. Worsted goods are made of combed yarns, from which the short fibers have been removed and the long fibers left in a more or less parallel condition.

Detailed statistics of products.—To a considerable extent woolen goods are made by worsted mills and worsted goods by woolen mills as secondary products, and for this reason the detailed statistics of quantities and values of products for the two industries are combined in Table 5.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

[Data for establishments with products under \$5,000 in value included for 1919 and 1914 but not for subsequent years. See sec. 10, p. 6.]

YEAR OR PERIOD	Number of establishments	Wage earners (average number)	Wages	Paid for contract work	Cost of materials ¹	Value of products	Value added by manufacture ²	Horse-power
WOOLEN GOODS								
1925	603	67,056	\$82,436,037	\$1,470,910	\$219,618,330	\$361,524,034	\$141,905,704	193,050
1923	513	72,408	87,313,708	8,318,096	201,547,480	384,287,817	182,740,387	180,657
1921	403	56,434	62,893,160	1,212,384	120,275,820	230,044,847	110,069,027	(3)
1919	560	62,957	66,595,826	1,198,862	217,966,338	304,896,500	146,931,257	172,101
1914	501	49,165	24,204,470	305,015	63,690,042	103,815,905	40,119,863	133,052
Per cent of increase or decrease (—):								
1923-1925	-1.9	-7.4	-5.6	-55.5	9.0	-0.8	-12.8	0.9
1921-1923	4.1	28.3	38.8	173.8	67.6	57.7	47.1	-----
1921-1925	2.0	18.8	31.1	21.8	82.6	56.5	28.2	-----
1914-1925	.4	36.4	240.6	273.0	244.8	248.2	253.7	46.1
WORSTED GOODS								
1925	320	98,108	\$108,834,754	\$5,614,919	\$400,783,613	\$596,266,304	\$195,482,601	877,215
1923	338	122,144	135,070,814	6,905,168	421,184,417	698,270,021	277,086,204	357,808
1921	321	105,030	112,001,618	6,762,371	279,709,742	524,638,921	244,868,179	(1)
1919	292	103,830	101,512,855	8,013,900	447,629,350	700,687,482	252,908,182	294,028
1914	298	109,527	51,748,965	1,714,838	182,800,024	275,068,474	92,887,850	242,521
Per cent of increase or decrease (—):								
1923-1925	-2.7	-19.6	-19.8	-18.7	-4.8	-14.0	-29.5	5.4
1921-1923	5.3	15.3	21.1	2.1	50.5	33.1	13.2	-----
1921-1925	2.5	-7.3	-2.8	-17.0	43.3	18.7	-20.2	-----
1914-1925	10.4	-10.4	110.3	227.4	110.2	116.3	110.5	55.5

¹ Including also cost of fuel, electric power, and mill supplies.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

* Not called for on schedule.

* These figures differ from those published in the reports for 1919 and 1914 because of the exclusion here and the inclusion in the previous reports of data for purchased power other than electric. (See footnote 1, Table 3.)

TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925

WOOLEN GOODS

[See headnote under "Woolen goods," p. 385]

STATE	Average number em- ployed during year	NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY					
		January	Febr- uary	March	April	May	June
United States:							
1925	67,056	72,049	70,230	69,577	68,553	68,288	67,071
1924	72,408	70,515	71,734	73,871	74,595	74,816	73,885
1921	58,434	52,387	49,906	49,328	57,938	61,788	63,697
1919	52,957	52,063	47,872	50,508	58,242	63,086	66,442
Connecticut	6,470	6,400	6,616	6,830	6,778	6,779	6,708
Georgia	6,097	6,019	6,048	6,655	7,04	7,06	7,06
Illinois	641	543	550	529	645	681	684
Indiana	909	927	910	885	883	883	885
Kentucky	464	450	452	450	466	479	460
Maine	7,305	8,002	7,010	7,078	7,785	7,575	7,348
Maryland	451	441	445	442	430	471	470
Massachusetts	18,091	10,944	19,802	18,318	18,598	18,354	18,178
Michigan	1,030	1,041	1,055	1,105	1,116	1,048	1,080
Minnesota	511	508	573	502	490	524	543
New Hampshire	5,303	6,025	5,844	5,847	5,837	5,239	5,624
New Jersey	1,430	1,306	1,406	1,405	1,405	1,410	1,407
New York	2,724	2,946	2,904	2,823	2,837	2,884	2,575
North Carolina	832	760	875	883	811	811	819
Ohio	1,042	888	860	871	961	1,051	1,165
Oregon	1,184	1,105	1,165	1,212	1,222	1,195	1,160
Pennsylvania	8,812	7,848	7,472	7,180	6,880	6,722	6,490
Rhode Island	3,283	3,572	3,188	3,167	3,583	3,046	3,342
Tennessee	1,491	1,466	1,470	1,474	1,487	1,484	1,495
Vermont	2,033	3,581	3,585	3,499	2,765	2,903	2,654
Virginia	719	718	699	655	668	684	682
West Virginia	678	684	605	690	607	705	700
Wisconsin	1,157	1,184	1,185	1,202	1,200	1,213	1,202

STATE	NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY					
	July	August	Septem- ber	October	November	December
United States:						
1925	65,007	69,552	64,532	64,843	65,944	66,242
1924	73,837	71,730	70,954	71,522	70,836	71,490
1921	63,692	63,110	62,028	61,298	61,132	59,709
1919	68,038	60,131	60,571	60,428	70,120	70,374
Connecticut	6,500	6,081	5,875	6,145	6,345	6,487
Georgia	742	727	694	687	703	703
Illinois	707	672	667	659	644	612
Indiana	900	892	930	930	920	888
Kentucky	474	470	480	472	462	455
Maine	6,042	6,702	7,326	7,067	6,794	7,117
Maryland	480	477	461	438	420	429
Massachusetts	17,744	17,157	17,476	16,815	17,921	16,797
Michigan	1,107	1,040	874	1,161	995	886
Minnesota	376	466	508	505	512	497
New Hampshire	5,201	4,801	5,300	5,080	5,064	4,992
New Jersey	1,451	1,432	1,407	1,460	1,487	1,495
New York	2,720	2,757	2,516	2,503	2,623	2,595
North Carolina	825	820	817	821	849	862
Ohio	1,183	1,163	1,152	1,007	1,088	1,047
Oregon	1,177	1,160	1,146	1,199	1,226	1,226
Pennsylvania	6,694	6,443	6,689	6,605	6,734	6,559
Rhode Island	3,008	3,000	3,047	3,402	3,168	3,278
Tennessee	1,487	1,511	1,470	1,493	1,509	1,530
Vermont	2,428	2,111	2,273	2,907	3,131	3,365
Virginia	716	728	700	784	776	817
West Virginia	684	709	690	652	623	630
Wisconsin	1,176	1,206	1,185	1,052	1,027	1,042

¹ Month of maximum employment indicated by bold-faced figures and that of minimum employment by italic figures. Per cent which minimum forms of maximum: 1925, 87.9; 1923, 94; 1921, 50.8; 1919, 68.

TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925—Continued.

(Some of the States for which no figures are given in this table reported larger numbers of wage earners than some of those for which statistics are shown. See headnote under "Worsted goods," p. 380.)

WORSTED GOODS

STATE	Average number employed during year	NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY					
		January	February	March	April	May	June
United States:							
1925 ¹	98,168	107,574	105,849	100,702	95,719	90,977	88,284
1923 ¹	122,144	125,838	127,086	130,202	130,601	129,600	125,606
1921 ¹	105,930	71,450	86,373	92,845	100,413	113,055	115,715
1919 ¹	103,830	88,031	67,489	73,916	91,790	101,375	111,621
Connecticut	2,427	2,233	2,433	2,475	2,280	2,266	1,754
Maine	4,184	4,984	4,864	4,742	4,702	4,524	4,466
Massachusetts	96,785	88,589	89,202	86,916	85,035	82,896	81,896
New Jersey	18,727	16,072	15,297	14,711	14,195	13,844	13,093
New York	3,705	4,880	4,552	3,998	3,719	3,395	3,234
Pennsylvania	11,834	14,056	13,526	12,895	10,721	10,225	10,577
Rhode Island	18,923	20,015	19,679	18,815	18,041	17,044	17,674
Wisconsin	161	227	200	197	180	143	145
NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY							
STATE		July	August	Septem- ber	October	Novem- ber	Decem- ber
United States:							
1925 ¹	80,439	93,780	96,007	100,247	104,987	104,448	
1923 ¹	122,174	117,273	114,722	113,111	114,732	114,882	
1921 ¹	114,036	113,934	116,816	114,453	112,081	112,744	
1919 ¹	116,603	117,664	119,097	116,046	118,637	123,496	
Connecticut	2,342	2,411	2,656	2,752	2,767	2,745	
Maine	4,231	4,062	4,044	4,098	4,217	4,870	
Massachusetts	32,521	36,205	36,401	38,773	42,273	40,054	
New Jersey	18,328	18,156	12,748	12,620	12,859	13,203	
New York	3,218	3,259	3,368	3,368	4,146	4,409	
Pennsylvania	10,814	11,574	12,208	11,904	12,027	11,984	
Rhode Island	17,349	17,360	18,443	19,688	20,263	20,891	
Wisconsin	175	163	135	128	122	105	

¹ Month of maximum employment indicated by bold-faced figures and that of minimum employment by italic figures. Per cent which minimum forms of maximum: 1925, 82.1; 1923, 88.6; 1921, 61.3; 1919, 55.1.

TABLE 3.—PRIME MOVERS, GENERATORS, AND MOTORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1925, 1923, AND 1919

[No data in regard to prime movers were collected for 1921]

TYPE	1925		1923		1919	
	Num- ber	Capacity <i>Horse- power</i> 103,080	Num- ber	Capacity <i>Horse- power</i> 130,657	Num- ber	Capacity <i>Horse- power</i> 172,191
WOOLEN GOODS						
Prime movers, total.....	7,691		6,417		4,266	
Steam engines.....	344	56,680	301	55,881	430	74,876
Steam turbines.....	34	21,120	{	15	10,623	
Internal-combustion engines.....	18	773	20	1,568	30	1,577
Water wheels and turbines.....	457	40,407	424	45,998	407	40,705
Electric motors driven by purchased current.....	6,838	57,084	5,582	47,810	3,308	33,410
Electric motors, total.....	14,566	112,175	9,504	86,236	5,034	84,201
Driven by purchased current.....	6,838	57,004	5,582	47,810	3,308	33,410
Driven by current generated in establish- ment reporting.....	7,728	55,091	3,982	38,420	2,326	25,791
Electric generators.....	203	Kilo- watts 45,855	(?)	Kilo- watts (?)	(?)	Kilo- watts (?)
WORSTED GOODS						
Prime movers, total.....	12,363		11,248		4,085	
Steam engines.....	200	98,870	417	227,808	433	123,303
Steam turbines.....	114	166,113	{	73	103,074	
Internal-combustion engines.....	1	36	6	686	6	210
Water wheels and turbines.....	127	35,026	141	35,999	149	29,476
Electric motors driven by purchased current.....	11,845	77,104	10,684	93,315	4,024	27,969
Electric motors, total.....	32,525	252,400	25,720	248,015	12,290	106,019
Driven by purchased current.....	11,845	77,104	10,684	93,315	4,024	37,869
Driven by current generated in establish- ment reporting.....	20,680	175,236	15,036	154,700	8,275	128,650
Electric generators.....	310	Kilowatts 181,052	(?)	Kilowatts (?)	(?)	Kilowatts (?)

¹ This total differs from that given in the report for 1919 because of the exclusion here and the inclusion in the 1919 report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

² Not called for on schedule.

TABLE 4.—PRINCIPAL MATERIALS USED IN THE WOOLEN-GOODS AND WORSTED-GOODS INDUSTRIES: 1925, 1919, AND 1914

[No data for materials tabulated for 1923 and 1921. For State statistics, see Table 3, "Wool-manufactures group," p. 366]

KIND	WOOLEN GOODS			WORSTED GOODS		
	1925	1919	1914	1925	1919	1914
Wool:						
In condition in which purchased.	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Domestic.	150,700,876	105,792,200	78,873,319	302,000,956	337,669,614	355,854,756
Foreign.	87,360,871	63,859,001	52,236,522	165,640,661	181,971,186	204,397,888
Equivalent in scoured condition.	68,400,005	41,038,100	16,630,797	136,466,206	155,098,429	151,456,888
Animal hair.	118,802,222	86,547,717	58,093,405	159,031,604	177,288,746	198,755,341
Camel, alpaca, and vicuna.	6,528,002	12,613,037	16,190,052	20,631,472	15,667,157	12,921,007
Mohair.	1,080,208	1,316,041	2,270,349	1,185,403	12,474,340	12,080,108
Other animal hair.	570,400			14,318,206		
Cotton.	4,808,358	11,290,000	13,928,703	5,147,683	3,192,817	832,799
Domestic.	20,352,012	14,620,020	23,015,496	6,200,076	2,745,483	4,471,526
Foreign.	11,504,840	10,325,185	(1)	5,054,278	1,812,020	(1)
Rags, clippings, etc.	69,985,552	45,753,800	58,745,504	2,037,306	600,710	679,555
Recovered wool fiber.	33,030,855	31,416,146	25,960,307	608,400	1,747,561	316,617
Waste and noils.	50,020,084	40,260,027	37,881,087	8,861,327	3,477,614	4,580,787
Wool waste and noils.	43,043,122	38,522,138	(37,881,087)	2,957,270	3,300,640	4,530,787
Mohair, camel, alpaca, and vicuna noils.	1,700,001	1,738,480		716,412	176,974	
Silk waste and noils.	5,270,901	(2)	(3)	187,645	(2)	(2)
Tops, purchased.	1,810,790	533,753	500,716	44,542,876	25,732,481	28,515,591
Yarns, purchased.	21,737,887	21,500,033	21,302,126	65,499,180	62,488,553	60,622,460
Woolen (except merino).	3,114,490	2,172,487	801,270	4,298,144	6,189,207	1,367,101
Worsted (except merino).	4,131,334	3,905,077	2,617,815	40,680,518	30,053,028	51,008,982
Merino (woolen and worsted).	1,400,794	707,052	479,837	195,574	806,601	51,029
Cotton.	10,941,884	12,854,825	15,316,551	15,852,254	15,828,820	16,738,881
Silk and spun silk.	206,703	84,218	111,580	448,012	331,572	404,370
Rayon.	1,743,718	(3)	(3)	787,215	(3)	(3)
Other yarns.	90,904	1,682,374	1,075,073	3,231,433	274,235	3,120

¹No data.²Can not be shown without disclosing operations of individual establishments.³Not called for on schedule.

TABLE 5.—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1925, 1923, AND 1921

[For State statistics, see Table 6, "Wool-manufactures group," p. 370]

CLASS	1925			1923			1921		
	Total		Woolen goods	Total		Woolen goods	Total		Woolen goods
	Woolen goods	Worsted goods	Total	Woolen goods	Worsted goods	Total	Woolen goods	Worsted goods	Total
Total value ¹	\$937,790,338	\$361,524,034	\$596,268,304	\$1,062,558,438	\$384,237,817	\$698,270,621	\$755,583,768	\$230,944,847	\$524,638,921
Woven goods: ²									
Pounds									
Square yards									
Value									
Satinines, dress goods, overcoatings, and checkings—									
Pounds	262,607,162	153,835,216	163,691,946	314,406,780	180,192,782	134,213,998	234,847,637	125,314,566	109,338,791
Square yards	460,922,440	235,193,569	512,139,428	294,415,967	267,683,471	423,458,744	181,926,705	241,722,529	116,576,397
Value	\$66,302,793	\$235,076,599	\$857,235,494	\$271,723,197	\$835,594,682	\$401,180,008	\$174,489,966	\$207,370,346	\$38,310,335
All-wool woolen—									
Pounds	105,012,490	102,152,217	2,910,273	132,966,576	120,470,286	12,496,150	98,179,783	89,331,046	7,298,737
Square yards	153,322,701	143,015,611	5,307,050	172,027,551	150,983,410	21,044,141	132,286,607	12,022,114	12,022,114
Value	\$105,953,937	\$180,659,345	\$8,274,582	\$231,210,691	\$199,177,804	\$32,032,857	\$156,451,298	\$137,395,640	\$19,184,918
All-wool worsted—									
Pounds	82,803,391	3,388,715	73,454,676	107,658,297	4,453,333	103,164,954	57,117,924	1,402,918	85,625,906
Square yards	179,162,374	6,084,297	173,098,647	210,988,102	8,538,706	202,449,336	158,358,745	3,581,760	181,826,935
Value	\$275,617,190	\$11,028,656	\$264,988,534	\$835,959,378	\$13,452,338	\$320,477,040	\$273,912,705	\$4,313,566	\$275,595,339
Wool and cotton mixed—									
Pounds	17,016,594	12,945,700	4,070,894	17,993,363	16,824,315	1,183,988	12,384,625	10,462,381	1,922,244
Square yards	26,124,408	20,189,958	5,854,450	24,732,315	22,739,313	1,985,002	18,488,607	14,493,019	4,055,588
Value	\$25,942,803	\$17,705,952	\$5,236,551	\$26,261,240	\$22,922,155	\$3,398,785	\$14,270,536	\$11,124,357	\$3,146,173
Cotton-warp woolen—									
Pounds	40,158,170	40,143,516	15,654	38,521,030	37,914,008	907,022	24,335,550	23,912,462	429,998
Square yards	60,932,611	60,802,042	41,569	63,203,062	61,136,209	2,068,853	44,365,288	43,535,942	777,356
Value	\$40,029,187	\$39,363,304	\$6,883	\$37,601,670	\$35,379,558	\$1,622,112	\$22,664,835	\$21,586,003	\$1,676,212
Cotton-warp worsted—									
Pounds	17,585,517	345,068	17,240,449	16,907,574	16,486,874	14,129,745	65,779	14,068,986	
Square yards	41,375,846	537,671	40,841,175	41,188,408	1,053,369	43,161,075	111,797	43,039,986	
Value	\$25,749,276	\$889,342	\$25,059,934	\$28,300,500	\$761,642	\$27,780,694	\$48,800	\$27,731,884	
Flannels for underwear, all wool—									
Pounds	172,234	172,234	1,386,689	1,386,689	1,386,689	1,386,689	1,383,195	\$3,193,195	
Square yards	872,067	672,067	2,829,755	2,829,755	2,829,755	2,829,755	2,829,755	1,846,955	
Value	\$39,935,385	\$29,385	\$2,120,082	\$2,120,082	\$2,120,082	\$2,120,082	\$1,819,579	\$1,819,579	
Flannels for underwear, cotton-mixed—									
Pounds	284,636	284,636	1,149,604	1,149,604	1,149,604	1,149,604	1,149,604	683,937	683,937
Square yards	998,726	998,726	1,777,337	1,777,337	1,777,337	1,777,337	1,777,337	2,624,981	2,624,981
Value	\$649,602	\$649,602	\$1,635,735	\$1,635,735	\$1,635,735	\$1,635,735	\$1,635,735	\$1,191,334	\$1,191,334

Domestic flannels and shirtings—		\$2,907,735	2,855,576	2,243,712	2,666
Pounds—		7,205,582	6,154,684	5,325,576	6,666
Square yards—		\$3,439,996	\$2,593,279	\$2,217,688	6,666
Value—					
Satinets and linseys—					
Pounds—		7,826,186	3,583,126	2,350,709	709
Square yards—		(3)	(3)	(4)	709
Value—		11,877,015	6,107,064	4,523,398	598
Blankets (other than horse blankets)—		\$4,224,228	\$2,278,151	\$1,524,832	598
Blankets, all wool—					
Pounds—		6,987,808	7,818,982	5,375,587	6,666
Square yards—		11,053,923	11,871,816	6,753,613	6,666
Value—		\$10,889,370	\$9,320,873	\$6,505,356	6,666
Blankets, cotton-mixed—					
Pounds—		5,058,469	5,500,253	2,655,633	6,666
Square yards—		8,097,733	8,845,123	3,499,250	6,666
Value—		\$5,174,672	\$5,246,573	\$2,574,977	6,666
Blankets, cotton-warp—					
Pounds—		9,346,463	8,186,806	6,854,942	8,544
Square yards—		15,070,065	12,186,706	9,285,825	8,544
Value—		\$7,410,534	\$6,138,487	\$6,072,579	8,544
Horse blankets—					
Pounds—		1,578,780	2,407,525	2,270,625	6,666
Square yards—		1,409,513	2,475,356	\$1,173,053	6,666
Value—		\$7,876,560	\$1,338,551		
Automobile and carriage robes—					
Pounds—		799,822	1,128,053	388,525	6,666
Square yards—		500,144	536,631	268,102	6,666
Value—		\$688,084	\$618,126	\$473,386	6,666
Woven shawls—					
Pounds—		182,326	221,172	378,230	6,666
Square yards—		256,265	489,265	566,192	6,666
Value—		\$451,646	\$376,394		
Upholstery goods—					
Pounds—		17,762,362	15,489,472	6,707,113	6,666
Square yards—		2,272,890	9,552,601	6,077,857	6,666
Value—		17,162,919	13,890,278	\$7,932,755	6,666
Other woolen and worsted woven goods—		\$3,271,820	\$21,485,547	\$707,136	6,666
Pounds—		\$3,114,101	\$30,344,142	\$1,225,619	6,666
Square yards—					
Value—					
All other woolen and worsted woven goods—					
Pounds—		18,540,752	12,131,741	9,626,327	5,647,419
Square yards—		44,044,047	32,321,109	10,897,302	6,921,673
Value—		\$88,784,756	\$26,528,758	37,849,386	27,468,446
Yarns for sale—					
Pounds—		6,418,011	\$34,058,023	\$24,381,632	\$16,242,055
Square yards—		11,208,848	\$13,058,023	\$21,280,429	\$16,922,780
Value—		\$12,255,967			\$5,951,557
Woolen—					
Pounds—		43,710,519	42,450,414	39,471,106	5,610,735
Square yards—		\$34,125,561	\$32,384,156	\$7,714,890	5,951,557
Value—					
Worsted—					
Pounds—		82,886,955	4,731,866	110,746,478	85,860,513
Value—					\$619,861
		\$143,884,521	\$5,901,749	\$137,887,772	\$85,240,852
					\$125,961,740

See footnotes at end of table

TABLE 5.—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, FOR THE UNITED STATES, 1925, 1923, AND 1921—Continued.

[For State statistics, see Table 6, "Wool-manufactures group," p. 370.]

CLASS	1925		1923		1921	
	Total	Woolen goods	Total	Woolen goods	Total	Woolen goods
<i>Yarns for sale—Continued.</i>						
Woolen, union or maeino—						
Pounds	9,806,889	5,529,889	10,503,437	5,838,789	5,345,300	2,557,138
Value	\$8,859,870	\$4,800,795	\$18,512,880	\$5,008,324	\$12,255,908	\$2,770,406
Worsted, union or marino—						
Pounds	9,602,114	5,635,400	12,065,432	5,635,400	5,635,400	2,646,562
Value	\$1,087,503	\$1,087,503				\$4,573,998
All other—						
Pounds	5,288,430	4,120,654	7,413,901	2,164,361	5,249,540	3,522,147
Value	\$6,750,530	\$884,151	\$6,066,459	\$11,442,737	\$9,937,530	\$4,566,266
Tops—						
Pounds	18,015,405	18,055,405	21,120,118	(5)	(5)	10,341,151
Value	\$23,613,251	\$23,612,251	\$23,926,823	(5)	(5)	\$7,435,905
Nibs and wool waste—						
Pounds	42,531,152	7,985,668	24,904,484	55,110,365	11,012,557	44,097,808
Value	\$17,887,771	\$849,046	\$17,038,125	\$19,297,275	\$810,502	\$13,486,773
All other products, value—						
Amount received for contract work—	\$20,908,800	\$2,083,989	\$17,844,801	\$8,302,950	\$4,117,686	\$5,735,081
	\$11,119,988	\$2,885,192	\$8,534,756	\$13,521,636	\$6,840,246	\$13,142,142

¹ In addition, woolen goods and worsted goods to the following values were reported, as secondary products by establishments classified in other industries: For 1925, \$9,595,481; for 1923, \$8,275,898; for 1921, \$4,217,432. Of these amounts, the following were reported by the carpet-and-rug and felt-goods establishments: For 1925, \$7,340,664; for 1923, \$3,005,003; for 1921, \$8,238,079.

² The totals for woven goods for 1921 do not include data for quantities and values of upholstery goods.

³ Not shown separately in order to avoid disclosing operations of individual establishments; quantities and values included in corresponding totals for woolen woven goods and worsted woven goods, and values included in total values of woolen goods and worsted goods, respectively.

⁴ Not shown separately in order to avoid disclosing operations of individual establishments; values included in totals for woolen goods and worsted goods, respectively.

TABLE 6.—GENERAL STATISTICS, BY STATES: 1925

WOOLEN GOODS

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments.]

STATE	Number of establish- ments	PERSONS ENGAGED IN THE INDUSTRY				Horse- power
		Total	Propri- etors and firm mem- bers	Salaried officers and em- ployees	Wage earners (average number)	
United States	503	71,044	150	13,838	67,056	193,080
Connecticut	35	6,852	12	870	6,470	18,079
Georgia	3	721	—	24	697	1,551
Illinois	4	884	—	43	841	1,442
Indiana	9	1,000	5	86	900	1,777
Kentucky	4	506	2	40	464	916
Maine	53	7,739	3	431	7,305	24,215
Maryland	3	483	5	27	451	1,348
Massachusetts	106	19,070	30	949	18,091	54,934
Michigan	9	1,126	1	89	1,036	3,449
Minnesota	11	575	2	62	511	1,597
New Hampshire	85	5,032	4	205	5,303	16,108
New Jersey	7	1,491	2	59	1,430	3,440
New York	23	2,866	7	135	2,724	8,570
North Carolina	8	864	3	29	832	1,704
Ohio	12	1,104	1	61	1,042	2,752
Oregon	8	1,267	—	88	1,184	2,373
Pennsylvania	81	7,338	55	471	6,812	10,416
Rhode Island	28	3,470	—	187	3,288	8,674
Tennessee	9	1,577	—	86	1,491	2,506
Vermont	10	3,070	2	135	2,933	10,563
Virginia	8	708	6	43	719	1,514
West Virginia	6	718	—	40	678	1,056
Wisconsin	16	1,237	8	72	1,157	2,558
All other States ²	9	886	2	51	833	2,328

STATE	Salaries	Wages	Paid for contract work	Cost of materials	Value of products	Value added by manu- facture ³
United States	\$12,230,614	\$82,436,037	\$1,476,910	\$219,618,380	\$361,524,034	\$141,905,704
Connecticut	1,342,061	8,140,105	226,329	10,640,893	32,747,733	13,206,840
Georgia	92,350	616,437	—	2,121,702	3,000,798	879,006
Illinois	161,245	703,066	—	2,162,302	3,769,249	1,806,887
Indiana	431,042	986,351	—	3,206,953	5,515,452	2,305,499
Kentucky	53,015	491,750	—	1,166,793	2,201,092	1,044,299
Maine	1,312,724	9,705,563	18,819	24,485,524	40,002,293	15,516,769
Maryland	82,306	465,488	1,564	1,445,595	2,278,677	828,082
Massachusetts	3,118,634	23,616,418	401,935	54,725,101	93,079,965	88,354,864
Michigan	250,678	1,119,367	—	4,000,166	6,270,198	2,270,000
Minnesota	230,229	496,418	—	1,499,116	2,878,717	1,879,601
New Hampshire	672,738	8,820,244	97,842	17,100,829	28,006,292	11,768,463
New Jersey	187,372	1,018,847	—	3,963,326	6,781,817	2,827,991
New York	474,880	3,380,881	39,111	8,560,237	14,020,710	6,369,473
North Carolina	63,073	193,056	3,237	3,569,450	4,754,396	1,394,946
Ohio	196,442	1,044,944	38,080	3,112,325	4,852,332	1,740,007
Oregon	169,685	1,270,507	—	3,082,002	5,058,720	2,576,718
Pennsylvania	1,654,645	8,493,826	399,701	30,664,941	46,460,746	15,901,805
Rhode Island	610,522	4,631,005	213,273	13,865,791	21,141,962	7,276,171
Tennessee	228,746	1,016,884	—	3,077,774	5,681,676	2,603,902
Vermont	379,502	3,668,985	32,206	9,305,507	14,327,688	5,010,181
Virginia	92,285	710,253	—	1,868,055	3,348,029	1,980,874
West Virginia	86,797	706,217	—	1,938,196	3,450,379	1,512,183
Wisconsin	219,878	1,158,788	4,536	2,772,048	4,851,133	2,078,485
All other States ²	120,710	893,038	821	2,097,954	4,133,612	1,436,658

See footnotes at end of table

TABLE 6.—GENERAL STATISTICS, BY STATES: 1925—Continued
WORSTED GOODS

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the "All other States," however, reported larger values of products than some of the States shown separately]

STATE	Number of establish- ments	PERSONS ENGAGED IN THE INDUSTRY				Horse- power
		Total	Propri- tors and firm mem- bers	Salaried officers and employees	Wage earners (average number)	
		95	5,401	98,168	377,216	
United States.....	329	103,064				
Connecticut.....	14	2,730		300	2,427	7,430
Maine.....	0	4,575		91	4,484	11,037
Massachusetts.....	81	38,510	9	1,746	36,755	103,902
New Jersey.....	26	14,027	0	1,104	13,727	33,300
New York.....	17	3,000	7	188	3,705	15,161
Pennsylvania.....	90	12,015	50	731	11,834	89,678
Rhode Island.....	66	10,801	17	921	18,023	69,688
Wisconsin.....	4	185	2	22	101	670
All other States.....	22	6,235	4	199	6,032	35,809

STATE	Salaries	Wages	Paid for contract work	Cost of materials	Value of products	Value added by manu- facture ¹
United States.....	\$10,662,450	\$108,834,754	\$5,014,910	\$400,783,613	\$506,266,304	\$105,482,661
Connecticut.....	630,240	3,153,820	411,052	11,274,881	17,850,835	6,581,954
Maine.....	430,771	5,084,148	643,332	12,940,145	24,020,845	11,974,700
Massachusetts.....	4,971,083	41,315,089	1,490,064	145,604,153	210,448,325	70,884,172
New Jersey.....	8,886,201	15,742,087	148,863	63,828,192	78,052,704	25,154,512
New York.....	554,474	4,022,442	14,032	10,878,704	17,103,703	6,225,059
Pennsylvania.....	2,534,304	12,047,960	2,186,410	57,195,767	82,052,268	25,480,401
Rhode Island.....	2,001,282	20,817,166	721,788	85,841,020	125,653,602	39,002,573
All other States.....	71,848	143,940		492,063	680,310	188,247
	514,180	6,107,788	110,769	22,702,070	32,087,062	9,324,953

¹ Not including 140 salaried officers and employees of central administrative offices, with salaries aggregating \$771,460. For purposes of comparison with the statistics published for earlier years, these figures should be added to those given in the table, making combined totals of 3,984 salaried officers and employees and \$13,068,083. (See "Central-administrative-office employees," p. 1108.)

² California, 2 establishments; Iowa, 2; Missouri, 1; Utah, 2; Washington, 2.

³ Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

⁴ See footnote 1, Table 6.

⁵ Not including 354 salaried officers and employees of central administrative offices, with salaries aggregating \$1,730,332. For purposes of comparison with the statistics published for earlier years, these figures should be added to those given in the table, making combined totals of 5,756 salaried officers and employees and \$13,388,701. (See "Central-administrative-office employees," p. 1103.)

⁶ California, 1 establishment; Delaware, 1; Georgia, 1; Illinois, 1; Kentucky, 1; Louisiana, 1; Maryland, 1; New Hampshire, 4; Ohio, 4; Oregon, 1; South Carolina, 2; Texas, 1; Vermont, 1; Virginia, 1; West Virginia, 1.

The figures in this report are estimated from the 1925 Census of Manufactures, and are subject to revision.

CARRIERS AND CLOTHES DRAPEY

The figures in this report are estimated from the 1925 Census of Manufactures, and are subject to revision.

The figures in this report are estimated from the 1925 Census of Manufactures, and are subject to revision.

CARPETS AND RUGS, WOOL, OTHER THAN RAG

[A preliminary report for this industry was issued under date of September 20, 1926]

Description of the industry.—This industry classification covers the manufacture of carpets and rugs (not including those made of rags) in which wool is one of the principal materials used. Such carpets and rugs are usually made with a jute, cotton, or linen back. (The manufacture of rag carpets and rugs is classified as a separate industry under the designation "Carpets and rugs, rag"; and jute carpets and rugs are included among the products of the "Jute goods" industry.)

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

[Data for establishments with products under \$5,000 in value included for 1919 and 1914 but not for subsequent years. See sec. 10, p. 5]

YEAR OR PERIOD	Number of establishments	Wage earners (average number)	Wages	Paid for contract work	Cost of materials ¹	Value of products	Value added by manufacture ²	Horse-power
1925	69	33,880	\$43,382,517	\$151,281	\$104,195,624	\$188,902,890	\$84,707,266	63,008
1923	79	35,217	48,528,430	334,374	97,472,644	109,480,623	102,007,079	55,382
1921	72	22,022	28,705,036	849,500	50,118,184	103,880,500	53,702,366	(*)
1919	75	22,033	24,216,121	86,716	67,118,039	123,253,828	56,135,789	47,603
1914	97	31,308	14,715,015	341,280	42,280,228	69,128,185	26,847,982	42,794

PER CENT OF INCREASE OR DECREASE (-)

1923-1925	(*)	-3.8	-10.6	-60.6	6.0	-5.3	-17.0	17.0
1921-1923	(*)	63.6	69.1	10.0	94.5	92.0	89.7	-----
1921-1925	(*)	47.8	51.1	-56.7	107.9	81.8	67.6	-----
1914-1925	(*)	8.2	104.8	-55.7	146.4	173.3	215.5	47.2

¹ Including also cost of fuel, electric power, and mill supplies.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

³ Not called for on schedule.

⁴ These figures differ from those published in the reports for 1919 and 1914 because of the exclusion here and the inclusion in the previous reports of data for purchased power other than electric. (See footnote 1, Table 3.)

⁵ Not computed where base is less than 100.

TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925

[See headnote, Table 8, p. 301]

STATE	Average number employed during year	NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY					
		January	February	March	April	May	June
United States:							
1925 ¹	33,880	36,403	35,730	35,925	34,120	34,220	33,782
1923 ¹	35,217	34,818	35,152	35,490	36,641	35,377	35,381
1921 ¹	22,922	19,008	18,015	17,227	18,413	21,558	21,601
1919 ¹	22,033	18,022	18,081	19,374	20,792	22,448	23,566
Massachusetts	4,427	4,751	4,763	4,790	4,646	4,589	4,322
New York	14,977	15,609	15,778	16,708	14,074	14,427	14,805
Pennsylvania	9,530	10,156	10,284	10,334	10,265	10,022	9,483

STATE	NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY					
	July	August	Septem- ber	October	Novem- ber	Decem- ber
United States:						
1925 ¹	32,787	32,505	32,518	32,624	33,283	33,826
1923 ¹	36,125	34,918	34,866	35,243	35,431	35,168
1921 ¹	21,798	23,076	27,070	28,008	28,432	29,865
1919 ¹	24,421	25,011	24,398	25,310	26,001	26,602
Massachusetts	4,150	4,200	4,213	4,140	4,150	4,267
New York	14,750	14,722	14,934	14,019	14,915	14,937
Pennsylvania	8,838	8,722	8,547	8,725	8,378	8,095

¹ Month of maximum employment indicated by bold-faced figures and that of minimum employment by italic figures. Per cent which minimum forms of maximum: 1925, 90.5; 1923, 97.7; 1921, 57.7; 1919, 70.8.

TABLE 3.—PRIME MOVERS, GENERATORS, AND MOTORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1925, 1923, AND 1919

[No data in regard to prime movers were collected for 1921]

TYPE	1925		1923		1919	
	Number	Capacity	Number	Capacity	Number	Capacity
Prime movers, total	3,111	Horse-power 65,008	2,030	Horse-power 53,852	788	Horse-power 137,593
Steam engines	63	22,210	104	38,563	77	22,952
Steam turbines	21	21,880	10	10	5	5,825
Internal-combustion engines	3	40	2	30	2	35
Water wheels and turbines	9	1,611	11	2,090	11	2,207
Electric motors driven by purchased current	3,015	17,340	1,913	13,169	688	6,524
Electric motors, total	8,201	53,985	4,876	44,908	8,045	24,536
Driven by purchased current	8,015	17,340	1,913	13,169	688	6,624
Driven by current generated in establishment reporting	5,186	36,645	2,963	31,789	2,357	18,012
Electric generators	72	Kilo-watts 25,543	(*)	Kilo-watts (*)	(*)	Kilo-watts (*)

¹ This total differs from that given in the report for 1919 because of the exclusion here and the inclusion in the 1919 report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

² Not called for on schedule.

TABLE 4.—MATERIALS USED IN THE CARPET AND RUG INDUSTRY: 1925,
1919, AND 1914[For State statistics, see Table 3, "Wool-manufactures group," p. 366. No data for materials tabulated for
1923 and 1921]

ITEM	KIND	QUANTITY	1925	1919	1914
Wool:			Pounds	Pounds	Pounds
In condition in which purchased ¹		85,625,307	36,261,904	52,552,440	
Equivalent in scoured condition		60,351,610	21,905,916	39,218,831	
Animal hair:			2,834,382	6,272,522	3,489,283
Cotton		11,131,482	3,864,826	3,802,739	
Waste and nolls		3,482,888	560,604	3,419,715	
Yarns, purchased:					
Woolen		29,833,027	17,389,500	21,026,360	
Worsted		9,002,282	4,164,565	9,267,278	
Cotton		25,206,607	17,309,040	24,019,137	
Jute		80,673,475	45,119,812	59,148,286	
Linen		933,499	2,280,055	7,602,200	
Other yarns		4,692,320	921,655	341,114	

¹ Statistics for domestic and for foreign wool can not be shown separately without disclosing operations of individual establishments.² Figures for prior years not strictly comparable as they include data for yarns of ramie and other vegetable fiber.

TABLE 5.—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1925, 1923, AND 1921

[For State statistics, see Table 6, "Wool-manufactures group," p. 370]

CLASS	1925		1923		1921	
	Square yards	Value	Square yards	Value	Square yards	Value
Total value ¹		\$188,902,890		\$109,480,623		\$103,880,500
Carpets, total	21,859,377	49,023,624	21,722,705	51,524,378	13,057,385	20,398,800
Axminster and moquette	4,502,047	9,814,666	4,285,294	11,531,656	763,350	2,048,934
Wilton	3,399,695	15,463,962	2,815,695	13,034,266	2,235,099	7,746,714
Brussels	25,457	71,684	52,603	160,157	124,771	487,939
Tapestry velvet	8,824,725	17,128,580	7,807,716	17,706,584	3,020,212	5,814,556
Tapestry Brussels	1,271,059	1,316,210	1,322,213	1,583,254	1,113,547	1,600,012
Ingrain	819,592	653,111	693,404	622,821	834,798	677,703
All other	2,926,905	4,575,431	4,656,690	8,875,040	4,958,500	1,918,342
Rugs made of sewed strips, total	14,264,113	53,627,772	17,943,379	65,104,745	12,070,465	25,951,125
Axminster and moquette	6,041,880	14,337,458	10,892,128	26,900,632	9,309,358	18,885,896
Wilton	5,933,825	35,864,247	6,633,663	36,668,939	1,238,320	5,587,108
Brussels	26,409	101,636	333,443	1,419,775	89,862	220,948
All other	2,261,930	8,274,431	34,145	115,399	1,432,026	1,257,173
Rugs woven whole, total	35,077,110	80,356,008	43,570,379	75,528,350	27,777,813	53,692,611
Axminster and moquette	15,980,446	38,153,240	9,566,703	22,245,242	7,844,311	18,409,460
Wilton	1,450,222	6,073,507	1,086,700	4,791,655	1,098,799	4,502,420
Tapestry velvet	8,877,677	19,820,145	9,826,700	20,244,200	5,604,271	10,561,973
Tapestry Brussels	4,687,063	6,257,945	11,938,584	15,940,615	9,546,252	12,467,598
Smyrna	492,776	1,214,392	1,095,100	2,211,122	827,411	1,777,682
Chenille-Axminster	437,415	4,952,864	562,394	4,367,353	307,706	3,237,918
Wool and paper fiber	1,846,949	1,589,198	6,019,567	3,078,228	1,625,282	1,575,130
Colonial or rag ²	27,004	20,108	56,701	79,077	276,813	410,366
All other	2,177,507	2,275,510	3,438,744	2,600,858	557,400	750,164
All other products, value		5,804,586		7,323,150		3,842,964

¹ In addition, carpets and rugs to the following values were reported as secondary products by establishments classified in other industries: For 1925, \$150,572; for 1923, \$267,051; for 1921, \$224,073.² These figures relate only to rag rugs made by establishments engaged primarily in the manufacture of other classes of carpets and rugs. Establishments whose chief products are rag carpets and rugs are classified separately under the industry designation "Carpets and rugs, rag," p. 409.

TABLE 6.—LOOMS USED IN THE CARPET AND RUG INDUSTRY: 1904 TO 1925

No data for machinery called for on schedules for 1923 and 1921. See "Monthly statistics," Table 2, p. 100.

KIND	NUMBER				
	1925	1910	1914	1909	1904
Looms on carpets and rugs, total ¹	10,329	8,157	9,852	11,043	11,892
Power looms	10,288	7,897	9,821	11,786	11,002
Hand looms	41	260	31	207	690
Ingrain	432	631	1,251	2,010	4,271
Power	414	620	1,261	2,884	4,189
Hand	18	11	—	26	82
Broad Ingrain	203	698	669	795	484
Power	189	695	599	788	412
Hand	14	—	—	7	42
Venetian	—	—	—	19	91
Power	—	—	—	18	88
Hand	—	—	—	1	3
Smyrna	337	418	498	1,021	1,694
Power	337	413	487	904	1,131
Hand	—	—	—	57	693
Colonial or rag	21	381	143	302	—
Power	12	82	123	186	—
Hand	9	240	20	116	—
Tapestry Brussels	204	1,200	1,281	—	2,400
Tapestry velvet	1,060	1,114	1,309	2,080	—
Body Brussels	18	894	660	630	549
Wilton	2,771	1,225	1,521	1,018	710
Axminster	3,576	2,111	2,704	2,562	1,433
Moquette	—	—	34	26	—
Other looms	708	—	—	—	—

¹ Not including looms on woven goods other than carpets and rugs, as follows: 1925, 430; 1910, 1,099; 1914, 480; 1909, 328; 1904, 2,161.

TABLE 7.—LOOMS USED IN THE CARPET AND RUG INDUSTRY, BY STATES: 1925

KIND	NUMBER						
	United States	Connecticut	Massachusetts	New Jersey	New York	North Carolina	Pennsylvania
Looms on carpets and rugs, total	10,329	859	1,320	507	3,703	25	1,906
Power looms	10,288	850	1,320	507	3,703	25	3,865
Hand looms	41	—	—	—	—	—	41
Carpet looms	5,876	860	632	190	2,106	2	1,991
Ingrain	175	—	—	—	10	—	165
Broad Ingrain	51	—	—	—	—	—	51
Power	87	—	—	—	—	—	37
Hand	14	—	—	—	—	—	14
Tapestry Brussels	42	—	—	—	—	—	42
Tapestry velvet	1,348	214	18	—	301	—	750
Body Brussels	16	—	15	—	—	—	—
Wilton	1,920	201	270	196	307	—	767
Axminster	1,976	364	232	—	1,172	2	216
Other looms	354	—	88	—	260	—	10
Rug looms	4,453	—	697	311	1,507	23	1,916
Ingrain	257	—	174	—	—	—	83
Power	239	—	174	—	—	—	65
Hand	18	—	—	—	—	—	18
Broad Ingrain	152	—	—	—	—	—	152
Tapestry Brussels	252	—	—	70	103	—	79
Tapestry velvet	628	—	26	—	420	—	180
Body Brussels	3	—	3	—	—	—	—
Wilton	851	—	260	88	22	—	481
Axminster	1,600	—	77	162	731	28	617
Smyrna	337	—	—	—	—	—	191
Colonial or rag	21	—	—	—	—	—	21
Power	12	—	—	—	—	—	12
Hand	9	—	—	—	—	—	9
Other looms	364	—	167	1	85	—	111

¹ Not including 430 looms on woven goods other than carpets and rugs.

TABLE 8.—GENERAL STATISTICS, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments]

STATE	Number of estab- lishments	PERSONS ENGAGED IN THE INDUSTRY				Horse- power
		Total	Proprie- tors and firm mem- bers	Salaried officers and em- ployees	Wage earners (average number)	
United States.....	60	35,820	18	1,916	33,886	63,008
Massachusetts.....	0	4,708	—	371	4,427	8,169
New York.....	0	15,575	—	595	14,977	24,445
Pennsylvania.....	42	10,214	18	660	9,536	20,018
All other States.....	0	5,233	—	287	4,946	9,776

STATE	Salaries	Wages	Paid for contract work	Cost of materials	Value of products ¹	Value added by manufac- ture ²
	\$	\$	\$	\$	\$	
United States.....	\$5,807,300	\$43,382,517	\$151,281	\$104,106,624	\$188,902,800	\$54,707,206
Massachusetts.....	777,255	4,890,835	2,038	12,027,206	23,882,970	11,865,773
New York.....	1,880,478	15,970,500	—	41,120,231	75,286,080	34,160,449
Pennsylvania.....	2,115,087	13,650,500	140,223	37,467,762	63,517,836	26,050,074
All other States.....	1,027,659	5,802,002	20	13,580,426	26,215,305	12,634,970

¹ Connecticut, 1 establishment; New Jersey, 7; North Carolina, 1.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

³ See footnote 1, Table 5.

FELT GOODS, WOOL OR HAIR

[A preliminary report for this industry was issued under date of August 24, 1926.]

Description of the industry.—This industry classification is applied to textile mills whose principal products are felt goods (not including wool-felt hats) made of wool or of hair, either by weaving or by felting without weaving. In the latter process heat, moisture, and pressure are employed.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

[Data for establishments with products under \$5,000 in value included for 1910 and 1914 but not for subsequent years. See sec. 10, p. 5.]

YEAR OR PERIOD	Number of establishments	Wage earners (average number)	Wages	Paid for contract work	Cost of materials ¹	Value of products	Value added by manufacture ²	Horse-power
1925	50	5,146	\$6,403,687	\$610	\$20,354,123	\$13,775,618	\$17,421,495	23,478
1923	63	5,735	6,034,964	18,477	28,804,634	42,036,904	13,142,230	20,522
1921	49	4,180	4,025,883	1,170	11,232,119	24,120,300	12,897,271	(3)
1919	49	6,230	4,873,490	9,000	22,730,775	30,220,540	16,448,705	16,411
1914	53	4,035	2,080,213	4,121	8,308,270	13,002,765	5,384,496	14,016
PER CENT OF INCREASE OR DECREASE (-)								
1923-1925	(8)	-10.3	-8.5	-90.6	10.3	4.1	-4.0	14.4
1921-1923	(8)	37.2	43.4	(5)	112.7	74.2	40.7	-----
1921-1926	(8)	23.1	38.4	-47.5	134.6	81.4	35.1	-----
1914-1926	(8)	27.6	206.5	-85.0	217.2	210.7	223.5	67.5

¹ Including also cost of fuel, electric power, and factory supplies.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

³ Not called for on schedule.

This item differs slightly from the corresponding one published in the report for 1914 because of the exclusion here and the inclusion in the previous report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

⁴ Not shown where base is less than 100 or where percentage is higher than 1,000.

TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925

(Some of the States for which no figures are given in this table reported larger numbers of wage earners than some of those for which statistics are shown. See headnote, Table 6, p. 304)

STATE	Average number employed during year	NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY					
		January	February	March	April	May	June
United States:							
1925 ¹	5,146	5,333	5,351	5,258	5,168	4,907	4,921
1923 ¹	5,735	5,607	6,033	6,161	6,032	5,885	5,709
1921 ¹	4,180	4,096	4,023	4,023	4,033	3,889	3,955
1919 ¹	6,233	5,076	5,005	4,800	4,888	4,874	5,012
Connecticut	323	330	346	381	313	207	295
Massachusetts	906	946	958	922	924	859	885
New Jersey	334	324	360	334	345	326	301
New York	1,661	1,057	1,681	1,698	1,607	1,022	1,601
Pennsylvania	146	151	151	150	133	145	145

See footnote at end of table

TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925—Continued

[See note at head of this table]

STATE	NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY					
	July	August	September	October	November	December
United States:						
1925	4,800	4,086	5,145	5,253	5,204	5,211
1923	5,672	5,550	5,549	5,542	5,481	5,538
1921	4,004	4,170	4,287	4,447	4,580	4,578
1919	5,128	5,424	5,508	5,520	5,688	5,744
Connecticut	297	330	322	328	335	349
Massachusetts	856	848	880	946	945	936
New Jersey	316	319	337	348	356	351
New York	1,679	1,632	1,699	1,728	1,695	1,678
Pennsylvania	148	150	160	145	138	142

¹ Month of maximum employment indicated by bold-faced figures and that of minimum employment by italic figures. Per cent which minimum forms of maximum: 1925, 91.4; 1923, 89; 1921, 84.9; 1919, 84.9.

TABLE 3.—PRIME MOVERS, GENERATORS, AND MOTORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1925, 1923, AND 1919

[No data in regard to prime movers were collected for 1921]

TYPE	1925		1923		1919	
	Number	Capacity	Number	Capacity	Number	Capacity
Prime movers, total	1,426	Horse-power 23,478	1,107	Horse-power 20,522	404	Horse-power 16,411
Steam engines	41	6,687	43	10,350	56	7,805
Steam turbines	5	3,273	5	125	4	2,025
Internal-combustion engines	1	5	1	43	2	4
Water wheels and turbines	30	2,435	43	2,880	21	2,341
Electric motors driven by purchased current	1,330	11,078	1,020	7,708	411	4,236
Electric motors, total	2,120	16,602	1,519	13,031	911	7,928
Driven by purchased current	1,330	11,078	1,020	7,708	411	4,236
Driven by current generated in establishment reporting	787	.5,624	499	.5,323	500	3,600
Electric generators	25	Kilo-watts 5,172	(1)	Kilo-watts (1)	(1)	Kilo-watts (1)

¹ Not called for on schedule.

TABLE 4.—MATERIALS USED IN THE FELT-GOODS INDUSTRY: 1925, 1919, AND 1914

[For State statistics, see Table 3, "Wool-manufactures group," p. 866. No data for materials tabulated for 1923 and 1921.]

KIND	1925		1919		1914	
	Quantity	Pounds	Quantity	Pounds	Quantity	Pounds
Wool:						
In condition in which purchased	16,518,843		11,804,373		14,909,852	
Domestic	8,673,970		7,496,766		10,511,057	
Foreign	7,844,873		4,307,017		4,458,795	
Equivalent in scoured condition	12,660,853		9,450,913		10,476,716	
Animal hair	39,524,425		19,663,511		11,540,685	
Cotton	2,498,715		1,442,406		8,117,272	
Recovered wool fiber	5,508,758		4,194,670		8,502,795	
Waste and nolls	7,232,863		6,840,136		4,004,690	

TABLE 5.—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1919 TO 1925
 [For State statistics, see Table 6, "Wool-manufactures group," p. 370]

CLASS	1925	1923	1921	1919
Total value	\$43,775,018	\$42,036,064	\$24,120,300	\$30,229,640
Felt cloths:				
Pounds	6,391,295	6,403,580	3,566,363	3,397,376
Value	\$16,821,246	\$18,576,512	\$7,010,732	\$8,785,169
Trimming and lining felts, including felt skirts and skirtings:				
Pounds	2,600,014	3,318,404	3,242,894	4,158,956
Value	\$2,088,370	\$2,420,014	\$2,300,827	\$8,143,678
Polishing felts and buffing wheels:				
Pounds	1,120,623	2,412,032	909,716	1,132,598
Value	\$1,119,656	\$1,546,040	\$766,136	\$1,807,123
Plane felts:				
Pounds	512,437	606,898	237,708	777,558
Value	\$1,115,170	\$1,484,357	\$224,208	\$1,945,088
Saddle felts:				
Pounds	966,040	1,407,641	360,579	812,508
Value	\$670,202	\$1,017,001	\$236,233	\$630,234
Shoe and slipper felts:				
Pounds	5,883,851	5,848,904	(2)	(2)
Value	\$5,776,794	\$6,744,595	(2)	(2)
Boot and shoe linings:				
Pounds	1,163,110	1,580,889	4,260,344	2,471,177
Value	\$057,123	\$1,336,154	\$3,583,722	\$2,003,724
Half felting:				
Pounds	31,058,023	27,940,390	0,543,407	6,058,787
Value	\$6,208,522	\$6,025,170	\$2,191,061	\$2,249,063
All other felts, value	\$7,824,065	\$6,737,626	\$5,976,581	\$15,847,646
All other products, value	\$3,184,501	\$2,147,986	\$1,730,860	\$2,707,425

¹ In addition, felt goods to the following values were reported as secondary products by establishments classified in other industries: For 1925, \$803,328; for 1923, \$543,639; for 1921, \$230,091; for 1919, \$2,385,762.

² Not reported separately; value included in "All other felts, value."

TABLE 6.—GENERAL STATISTICS, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the "All other States," however, reported larger values of products than some of the States shown separately]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horse-power
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average number)	
United States	50	5,713	10	557	5,146	23,478
Connecticut	4	353	—	30	323	1,772
Massachusetts	14	1,016	—	110	906	4,097
New Jersey	5	357	—	23	334	1,088
New York	10	1,847	4	182	1,661	8,238
Pennsylvania	3	164	—	18	146	598
All other States	14	1,976	6	194	1,776	6,087

STATE	Salaries	Wages	Paid for contract work	Cost of materials	Value of products	Value added by manufacture ¹
United States	\$1,902,976	\$6,403,667	\$619	\$26,354,123	\$43,775,618	\$17,421,495
Connecticut	128,121	409,825	—	2,080,816	3,251,032	1,170,217
Massachusetts	369,704	1,090,244	619	5,388,694	8,657,435	3,298,741
New Jersey	66,922	492,762	—	2,196,244	3,474,956	1,278,714
New York	740,658	2,106,474	—	7,251,240	18,221,343	5,970,103
Pennsylvania	79,270	199,629	—	826,495	1,343,551	517,060
All other States	518,321	2,095,753	—	8,610,635	13,797,299	5,186,884

¹ California, 1 establishment; Illinois, 1; Maine, 2; Michigan, 1; New Hampshire, 2; Ohio, 2; Rhode Island, 2; Virginia, 1; Wisconsin, 2.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

³ See footnote 1, Table 5.

HATS, WOOL-FELT

[A preliminary report for this industry was issued under date of August 13, 1928]

Description of the industry.—This industry embraces those establishments whose principal products are wool-felt hats. Some of these establishments are textile mills which manufacture the felt and make it into finished hats, hats in the rough, or hat bodies; while others manufacture finished hats from purchased felt or from purchased hat bodies or hats in the rough. (The manufacture of fur-felt hats is treated as a separate industry.)

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

[Data for establishments with products under \$5,000 in value included for 1919 and 1914 but not for subsequent years. See sec. 10, p. 5]

YEAR OR PERIOD	Number of establishments	Wage earners (average number)	Wages	Paid for contract work	Cost of materials ¹	Value of products	Value added by manufacturer ²	Horse-power
1925	22	1,854	\$1,085,708	\$22,550	\$5,122,755	\$8,948,844	\$3,825,880	2,550
1923	21	1,950	2,044,774	2,161	4,457,010	8,043,217	4,186,207	2,702
1921	26	1,428	1,347,085	2,552	2,453,007	4,004,324	2,510,717	(C)
1919	40	1,448	1,887,777	7,882	3,699,822	6,739,652	3,030,830	2,694
1914	30	1,240	509,578	100	978,330	1,944,484	966,146	3,091

PER CENT OF INCREASE OR DECREASE (—)								
1923-1925	(8)	-4.9	-0.9	942.1	14.0	3.5	-8.6	-7.7
1921-1923	(8)	36.0	48.8	-15.2	81.7	74.1	66.7	-----
1921-1925	(8)	20.8	47.3	783.0	108.8	80.3	62.4	-----
1914-1925	(8)	48.4	231.2	(9)	428.0	300.2	290.0	-17.5

¹ Including also cost of fuel, electric power, and factory supplies.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

Not called for on schedule.

This item differs slightly from the corresponding one published in the report for 1919 because of the revision here and the inclusion in the previous report of data for purchased power other than electric. (See footnote 1, Table 3.)

* Not shown where base is less than 100 or where percentage is higher than 1,000.

TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925

[One of the States for which no figures are given in this table reported a larger number of wage earners than Pennsylvania. See headnote, Table 8, p. 397]

STATE	Average number employed during year	NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY					
		January	Febr-	March	April	May	June
United States:							
1925	1,854	1,532	1,671	1,528	1,527	2,036	2,218
1923	1,950	1,608	1,504	1,701	1,934	2,119	2,261
1921	1,428	846	1,018	1,113	1,286	1,571	1,714
1919	1,448	916	1,061	1,085	1,230	1,499	1,699
New York	619 ^a	441	513	464	483	769	799
Pennsylvania	452	303	392	381	391	463	533

See footnote at end of table

TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925—Continued

[See note at head of this table]

STATE	NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY					
	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
United States:						
1925	2,159	2,349	2,206	1,932	1,503	1,551
1923	2,205	2,321	2,518	2,104	1,571	1,566
1921	1,781	1,722	1,710	1,882	1,401	1,143
1919	1,730	1,923	1,818	1,449	1,497	1,472
New York	742	835	745	683	480	489
Pennsylvania	554	540	559	462	374	400

¹ Month of maximum employment indicated by bold-faced figures and that of minimum employment by *italic* figures. Per cent which minimum forms of maximum: 1925, 64; 1923, 59.7; 1921, 45; 1919, 47.6.

TABLE 3.—PRIME MOVERS, GENERATORS, AND MOTORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1925, 1923, AND 1919

[No data in regard to prime movers were collected for 1921]

TYPE	1925		1923		1919	
	Number	Capacity	Number	Capacity	Number	Capacity
Prime movers, total	121	Horse-power 2,560	107	Horse-power 2,762	120	Horse-power 12,004
Steam engines	14	1,795	17	2,125	15	1,874
Steam turbines	2	180				
Internal-combustion engines	4	40				
Water wheels and turbines	2	160	3	267	3	365
Electric motors driven by purchased current	99	375	87	370	111	455
Electric motors, total	185	1,051	101	1,226	164	865
Driven by purchased current	99	375	87	370	111	455
Driven by current generated in establishment reporting	86	676	104	856	59	400
Electric generators	6	Kilowatts 936	(2)	Kilowatts (2)	(2)	Kilowatts (2)

¹ This total differs from that given in the report for 1919 because of the exclusion here and the inclusion in the 1919 report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

² Not called for on schedule.

TABLE 4.—MATERIALS USED IN THE WOOL-FELT HAT INDUSTRY: 1925, 1919, AND 1914

[For State statistics, see Table 3, "Wool-manufactures group," p. 366. No data for materials tabulated for 1923 and 1921]

KIND	1925	1919	1914
Wool:			
In condition in which purchased ¹	Pounds 260,859	Pounds 200,294	Pounds 606,957
Equivalent in scoured condition	214,636	194,828	501,639
Wool waste and noils	1,260,022	711,747	454,099
Wool-felt hat bodies and hats in the rough	Dozens 59,574	Dozens 72,213	Dozens 18,449

¹ Statistics for domestic and for foreign wool used can not be shown separately without disclosing operations of individual establishments.

TABLE 5.—PRODUCTS, BY CLASS, NUMBER, AND VALUE, FOR THE UNITED STATES: 1919 TO 1925

[For State statistics, see Table 6, "Wool-manufactures group," p. 370]

CLASS	1925	1923	1921	1919
Total value ¹	\$8,948,644	\$8,643,217	\$4,964,324	\$0,730,652
Wool-felt hats:				
Dozens.....	438,973	453,051	280,346	401,893
Value.....	\$6,768,833	\$7,182,458	\$4,048,736	\$5,400,505
Men's—				
Dozens.....	187,197	180,152	(2)	(2)
Value.....	\$3,552,896	\$2,183,082	(2)	(2)
Women's and children's—				
Dozens.....	246,770	314,700	(2)	(2)
Value.....	\$3,210,937	\$4,908,476	(2)	(2)
Wool-felt hat bodies and hats in the rough:				
Dozens.....	124,498	59,196	55,310	104,144
Value.....	\$923,810	\$478,689	\$245,400	\$166,469
All other products, value.....	\$1,261,001	\$982,170	\$670,188	\$1,104,678

¹ In addition, wool-felt hats to the following values were reported as secondary products by establishments classified in other industries: For 1925, \$472,093; for 1923, \$1,430,559; for 1919, \$76,404.

² Not called for on schedule.

TABLE 6.—GENERAL STATISTICS, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the "All other States," however, reported larger values of products than any of the States shown separately, and one of them outranked all the States shown separately.]

STATE	Number of establish- ments	PERSONS ENGAGED IN THE INDUSTRY				Horse- power
		Total	Propri- etors and firm mem- bers	Salaried officers and em- ployees	Wage earners (average number)	
United States.....	22	2,040	12	174	1,854	2,550
New York.....	7	674	5	50	619	806
Pennsylvania.....	7	496	7	37	452	986
All other States ¹	8	870	—	87	783	668

STATE	Salaries	Wages	Paid for contract work	Cost of materials	Value of products	Value added by manufac- ture ²
United States.....	\$412,058	\$1,085,798	\$22,550	\$5,122,755	\$8,048,644	\$3,825,889
New York.....	120,656	666,978	—	1,270,178	2,311,588	1,041,410
Pennsylvania.....	105,675	428,990	—	938,453	1,081,261	992,808
All other States ¹	185,828	880,830	22,550	2,864,124	4,656,795	1,791,671

¹ California, 1 establishment; Indiana, 1; Maryland, 1; Massachusetts, 2; Missouri, 2; New Jersey, 1.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

³ See footnote 1, Table 5.

GENERAL SURVEY OF MANUFACTURES
UNITED STATES, 1925

SCHEDULE 10. WOOL PULLING

WOOL PULLING

Description of the industry.—This industry designation covers (a) independent establishments engaged primarily in pulling wool, on contract, from pelts owned by others, and (b) independent establishments engaged primarily in pulling wool from purchased pelts. The establishments in the first class report under the head "Value of products" only the amounts received for work done, while those in the second class report the amounts paid for the pelts under "Cost of materials" and the value of the wool and skins under "Value of products." Thus the comparability of the statistics for cost of materials and value of products as between one census year and another is affected by variations in the relative importance of the two classes of establishments.

Considerable wool pulling is done in tanning and in slaughtering and meat-packing establishments; but this work is not represented in the statistics for the wool-pulling industry, which embraces only those establishments engaged wholly or mainly in wool pulling.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

YEAR OR PERIOD	Number of establishments	Wage earners (average number)	Wages	Paid for contract work	Cost of materials ¹	Value of products	Value added by manufacture ²	Horse-power
1925	23	573	\$840,850	\$14,936	\$13,627,313	\$16,200,221	\$1,571,608	2,708
1923	27	606	896,468	20,119	11,308,221	15,178,021	3,807,800	2,837
1921	22	562	693,476	27,180	5,197,095	6,767,161	1,670,008	(3)
1919	24	705	1,009,788	13,630	12,809,592	17,361,231	4,551,630	2,162
1914	34	708	462,100	16,821	6,032,101	8,272,721	1,040,020	2,248

PER CENT OF INCREASE OR DECREASE (-)								
1923-1925	(3)	-17.7	-8.0	-25.8	20.5	0.2	-50.4	-4.6
1921-1923	(4)	26.1	24.9	-20.0	117.6	124.3	146.3	-----
1921-1925	(5)	3.8	21.3	-45.1	162.4	124.8	.1	-----
1914-1925	(6)	-19.1	86.0	-10.1	105.6	83.8	-4.2	20.4

¹ Including also cost of fuel, electric power, and mill supplies.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

³ Not called for on schedule.

⁴ Not computed where base is less than 100.

TABLE 2.—GENERAL STATISTICS, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the "All other States," however, reported larger values of products than some of the States shown separately]

STATE	Number of establish- ments	PERSONS ENGAGED IN THE INDUSTRY					Horse- power
		Total	Proprie- tors and firm mem- bers	Salaried officers and em- ployees	Wage earners (average number)	Value added by manufac- ture ¹	
United States.....	23	669	13	83	573	2,700	
California.....	3	124	1	14	109	578	
Illinois.....	5	31	5	2	24	130	
Pennsylvania.....	3	187	3	19	165	505	
All other States	12	327	4	48	275	1,493	

STATE	Salaries	Wages	Paid for contract work	Cost of materials	Value of products	Value added by manufac- ture ¹
	\$305,603	\$840,850	\$14,986	\$13,637,813	\$15,209,221	\$1,571,008
California.....	31,810	157,424	—	2,454,980	2,718,703	263,723
Illinois.....	2,700	34,373	14,986	734,501	788,635	54,074
Pennsylvania.....	168,500	296,122	—	4,950,003	5,682,664	732,061
All other States	102,433	352,940	—	5,497,139	6,010,189	522,050

¹ Indiana, 1 establishment; Maine, 2; Nebraska, 1; New Jersey, 1; New York, 1; Ohio, 1; Oregon, 2; Utah, 1; Virginia, 1; Washington, 1.

¹ Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

1925 INDUSTRY REPORTS ON THE MANUFACTURE OF WOOL

pertaining to the value resulting from the manufacture of wool, cloth, and yarn. Hence, the report covers only those establishments engaged primarily in scouring, sorting, and carbonizing purchased wool.

WOOL SCOURING

[A preliminary report for this industry was issued under date of October 8, 1926]

Description of the industry.—This industry embraces (a) independent establishments engaged primarily in scouring, sorting, and carbonizing wool owned by others, and (b) independent establishments engaged primarily in scouring, sorting, and carbonizing purchased wool. As a rule, however, these processes are performed in the same mills which manufacture the wool into yarn or cloth, and the work done in such establishments is not represented in the statistics for the wool-scouring industry.

The establishments which scour wool on contract report as "Value of products" only the amounts received for their work, whereas those which scour purchased wool report the amount paid for unscoured wool under "Cost of materials" and the value of the scoured wool as "Value of products." Thus the comparability of the figures for cost of materials and value of products as between one census year and another is affected by variations in the relative amounts of work done by the two classes of establishments.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

(Data for establishments with products under \$5,000 in value included for 1919 and 1914 but not for subsequent years. See sec. 10, p. 5)

YEAR OR PERIOD	Number of establishments	Wage earners (average number)	Wages	Paid for contract work	Cost of materials ¹	Value of products	Value added by manufacture ²	Horse-power
1925.....	25	1,112	\$1,000,657	\$1,828	\$2,527,106	\$5,831,480	\$3,304,314	7,523
1923.....	26	1,473	2,025,807	1,070	4,528,982	8,190,091	3,661,109	6,976
1921.....	24	1,580	2,067,467	27,655	3,303,717	6,819,005	3,615,888	(3) ³
1919.....	33	2,177	2,890,453	4,608	7,228,350	13,079,584	6,451,284	4,0,710
1914.....	24	1,059	618,503	880	3,170,438	4,585,412	1,388,974	7,579
PER CENT OF INCREASE OR DECREASE (-)								
1923-1925.....	(8)	-24.5	-21.0	-7.5	-44.2	-28.8	-0.7	12.1
1921-1923.....	(8)	-4.1	-2.0	-92.9	37.1	20.1	4.1	-----
1921-1925.....	(8)	-27.6	-22.6	-93.4	-23.5	-14.5	-6.0	-----
1914-1925.....	(8)	5.0	150.6	-81.5	-20.4	27.7	137.9	8.2

¹ Including also cost of fuel, electric power, and mill supplies.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

³ Not called for on schedule.

⁴ This item differs slightly from the corresponding one published in the report for 1919 because of the exclusion here and the inclusion in the previous report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

⁵ Not computed where base is less than 100.

TABLE 2.—GENERAL STATISTICS, BY STATES: 1925

This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the "All other States," however, reported larger values of products than some of the States shown separately.

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horse-power
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average number)	
United States	25	1,290	8	170	1,112	7,823
California	3	68	3	11	54	563
Illinois	4	39	1	6	32	705
Massachusetts	12	588	4	40	544	4,012
All other States ¹	6	595	—	113	482	2,543

STATE	Salaries	Wages	Paid for contract work	Cost of materials	Value of products	Value added by manufacture ²
United States	\$406,425	\$1,600,657	\$1,828	\$2,527,166	\$5,881,480	\$3,304,314
California	21,245	61,059	—	38,422	100,580	72,158
Illinois	22,840	55,361	1,828	722,505	840,276	123,771
Massachusetts	151,110	821,820	—	370,598	2,307,584	1,517,986
All other States ¹	271,730	662,411	—	890,641	2,487,040	1,590,399

¹ Connecticut, 1 establishment; New Jersey, 1; New York, 1; Oregon, 1; Pennsylvania, 1; Rhode Island, 1.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

WOOL SHODDY

[A preliminary report for this industry was issued under date of September 28, 1926]

Description of the industry.—This industry consists in the recovery of wool fiber from rags, waste, noils, tailors' clippings, etc. The products are termed "shoddy," "mungo," "flocks" (the result of shearing cloth), and "wool extract." The recovered fiber may be used alone or mixed with new material for various textile purposes.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

[Data for establishments with products under \$5,000 in value included for 1910 and 1914 but not for subsequent years. See sec. 10, p. 5]

YEAR OR PERIOD	Number of establish- ments	Wage earners (average number)	Wages	Paid for contract work	Cost of materials ¹	Value of products	Value added by manufac- ture ²	Horse- power
1926	68	2,218	\$2,609,201	\$84,837	\$14,012,450	\$21,021,882	\$6,109,426	15,435
1923	50	2,128	2,442,522	55,474	10,027,380	10,097,615	6,070,120	12,496
1921	53	1,170	1,266,240	29,500	4,470,960	6,803,118	2,828,102	(0)
1910	78	2,500	2,653,160	14,096	16,076,315	23,264,398	7,178,883	4,16,567
1914	64	2,145	1,050,114	1,570	5,290,903	7,700,843	2,406,946	4,12,244

PER CENT OF INCREASE								
1923-1925	(8)	4.2	0.8	52.9	40.3	25.9	0.6	23.5
1921-1923	(8)	81.0	94.4	87.4	137.2	145.4	161.3	-----
1921-1925	(8)	89.6	107.7	186.5	232.9	200.0	163.0	-----
1914-1925	(8)	3.4	147.1	(0)	181.4	172.8	153.8	20.1

¹ Including also cost of fuel, electric power, and mill supplies.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

³ Not called for on schedule.

⁴ These figures differ slightly from the corresponding ones published in the reports for 1919 and 1914 because of the exclusion here and the inclusion in the previous reports of data for purchased power other than electric. (See footnote 1, Table 3.)

⁵ Not shown where base is less than 100, or where percentage is higher than 1,000.

TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925

[Some of the States for which no figures are given in this table reported larger numbers of wage earners than some of those for which statistics are shown. See headnote, Table 6, p. 404]

STATE	Average number em- ployed during year	NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY					
		January	Fe- bru- ary	March	April	May	June
United States:							
1925 ¹	2,218	2,578	2,552	2,577	2,427	2,226	2,107
1923	2,128	2,171	2,232	2,254	2,164	2,149	2,037
1921	1,170	861	957	1,129	1,293	1,235	1,203
1910	2,566	2,516	2,405	2,444	2,585	2,604	2,630
Connecticut	147	150	179	187	188	135	151
Massachusetts	480	630	501	591	542	468	441
New York	327	373	353	366	327	331	322
Ohio	517	582	572	574	566	519	485
Pennsylvania	207	215	220	224	214	208	189
Rhode Island	35	39	40	40	39	37	40

See footnote at end of table

TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925—Continued

[See note at head of this table]

STATE	NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY					
	July	August	Septem- ber	October	Novem- ber	Decem- ber
United States:						
1925	2,040	2,089	1,989	1,985	1,975	2,071
1923	2,068	1,972	1,972	2,065	2,181	2,272
1921	1,065	1,078	1,172	1,241	1,402	1,380
1919	2,580	2,592	2,637	2,630	2,520	2,668
Connecticut	127	146	114	115	130	147
Massachusetts	406	424	414	401	402	444
New York	322	319	313	303	290	300
Ohio	487	491	478	487	453	482
Pennsylvania	200	207	200	202	198	193
Rhode Island	33	35	25	28	33	36

¹ Month of maximum employment indicated by bold-faced figures and that of minimum employment by italic figures. Per cent which minimum forms of maximum: 1925, 76.6; 1923, 86.8; 1921, 80.7; 1919, 90.1.

TABLE 3.—PRIME MOVERS, GENERATORS, AND MOTORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1925, 1923, AND 1919

[No data in regard to prime movers were collected for 1921]

TYPE	1925		1923		1919	
	Num- ber	Capacity	Num- ber	Capacity	Num- ber	Capacity
Prime movers, total	424	Horse- power 15,485	342	Horse- power 12,496	419	Horse- power 16,567
Steam engines	30	4,348	34	4,017	44	6,414
Steam turbines	5	955			1	130
Internal-combustion engines			2	75	2	76
Water wheels and turbines	32	2,284	37	2,035	46	2,949
Electric motors driven by purchased current	357	7,848	269	5,469	326	6,068
Electric motors, total	550	9,578	435	7,900	802	9,199
Driven by purchased current	357	7,848	269	5,469	826	6,008
Driven by current generated in establishment reporting	202	1,730	166	2,530	66	2,201
Electric generators	12	Kilowatts 1,940	(?)	Kilowatts (?)	(?)	Kilowatt (?)

¹ This total differs from that given in the report for 1919 because of the exclusion here and the inclusion in the 1919 report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

² Not called for on schedule.

TABLE 4.—MATERIAL AND EQUIPMENT USED IN THE WOOL-SHODDY INDUSTRY: 1925, 1919, AND 1914

[No data for materials or equipment tabulated for 1923 and 1921]

	MATERIALS	1925		1919		1914	
		Pounds		Pounds		Pounds	
Rags, clippings, etc.	60,352,123	63,244,868		57,367,962			
Wool and other noils and waste	10,705,572	12,361,895		6,870,366			
Recovered wool fiber				394,546		1,658,432	
Wool (in condition in which purchased)	160,775			181,052		203,868	
Equivalent of above in scourcd condition	160,775			181,052		203,868	
EQUIPMENT		Number		Number		Number	
Cards (sets)		536		554		574	
Picklers		307		337		315	
Garnett machines		149		157		178	

TABLE 5.—PRODUCTS, BY QUANTITY AND VALUE, FOR THE UNITED STATES:
1919 TO 1925

PRODUCT	1925	1923	1921	1919
Total value.....	\$21,021,882	\$16,697,515	\$6,808,118	\$23,254,398
Recovered wool fiber:				
Pounds.....	67,543,470	55,050,968	27,314,147	58,780,504
Value.....	\$10,050,866	\$13,078,804	\$6,943,745	\$20,044,001
All other products, value.....	\$72,257	\$1,900,909	\$370,402	\$1,511,673
Amount received for contract work.....	\$1,240,750	\$1,117,052	\$470,071	\$1,098,824

¹ In addition, wool shoddy to the following values was reported as a secondary product by establishments classified in other industries: For 1925, \$144,408; for 1923, \$347,346; for 1919, \$1,440,480.

² Includes carbonized rags (wool extract).

TABLE 6.—GENERAL STATISTICS, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the "All other States," however, reported larger values of products than some of the States shown separately.]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horse-power
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average number)	
United States.....	68	2,534	40	270	2,218	15,435
Connecticut.....	4	108	3	18	147	1,666
Massachusetts.....	26	501	18	63	480	5,010
New York.....	10	371	5	39	327	3,095
Ohio.....	3	565	—	48	517	1,369
Pennsylvania.....	9	283	9	37	207	830
Rhode Island.....	6	45	2	8	35	467
All other States ¹	10	571	3	63	505	3,007

STATE	Salaries	Wages	Paid for contract work	Cost of materials	Value of products	Value added by manufacture ²
United States.....	\$802,226	\$2,609,201	\$84,837	\$14,912,456	\$21,021,882	\$6,109,426
Connecticut.....	55,814	172,114	12,305	1,274,871	1,603,509	328,638
Massachusetts.....	242,355	627,787	31,700	2,075,802	3,382,304	1,806,503
New York.....	182,161	427,002	14,824	3,205,170	4,421,678	1,215,508
Ohio.....	175,241	550,985	—	1,716,922	2,803,850	1,146,928
Pennsylvania.....	129,134	232,244	2,629	2,544,973	3,195,235	661,282
Rhode Island.....	20,720	42,193	7,200	122,852	230,336	107,484
All other States ¹	188,810	556,336	16,179	3,970,866	5,323,970	1,363,104

¹ Illinois, 1 establishment; Maine, 2; New Jersey, 3; Tennessee, 1; Vermont, 2; Wisconsin, 1.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

³ See footnote 1, Table 5.

MONTHLY STATISTICS ON WOOL MACHINERY AND WOOL CONSUMED BY MANUFACTURERS

The Bureau of the Census makes monthly collections of data in regard to activity of machinery and wool consumption in important wool-manufacturing establishments. The statistics for the biennial-census years compiled by totaling the figures for the several months of those years differ more or less from the corresponding biennial-census statistics, the reasons for these differences being as follows:

(1) The biennial report, which provides an index of the trend of the industries over a series of census years, covers all establishments in the wool-manufactures group, whereas the monthly figures, which show the current trend from month to month, are compiled from data supplied by important establishments representing the major part, but not the whole, of these industries.

(2) The biennial report covers only the wool-manufactures industries proper, while the monthly statistics include data for these industries and also for some establishments in the knit-goods, cotton-goods, silk-goods, rag-carpets-and-rugs, and wool-shoddy industries. The monthly report on machinery also includes statistics on the total machine and spindle hours for the month.

TABLE 1.—WOOL CONSUMED BY MANUFACTURERS—SUMMARY OF MONTHLY STATISTICS, BY YEARS: 1920 TO 1926

[Compiled from monthly reports received from an average of 580 mills for 1926, 602 for 1925, 629 for 1924, and 663 for 1923, respectively. The numbers of mills which reported for earlier years were not recorded. These statistics do not include any data for one large and several small establishments]

[All quantities in thousands of pounds]

	1926	1925	1924	1923	1922	1921	1920
Total.....	438,356	450,021	460,402	550,878	555,777	456,190	485,744
Domestic.....	200,662	213,134	230,323	194,907	312,728	243,814	203,689
Grease.....	142,311	150,784	168,443	128,982	237,117	181,010	153,395
Scoured.....	42,620	47,112	46,521	49,557	56,150	42,302	36,634
Pulled.....	15,731	15,238	15,359	16,368	19,455	20,502	13,660
Foreign.....	237,694	230,887	230,070	355,971	243,040	212,376	282,055
Grease.....	203,185	205,071	199,234	312,056	200,093	179,844	242,276
Scoured.....	18,466	20,202	23,154	31,617	28,832	26,504	35,467
Pulled.....	10,044	11,614	7,691	12,298	8,124	6,028	4,313
Total, reduced to grease equivalent ¹	510,033	520,285	537,760	641,607	649,958	533,839	568,836
Domestic.....	248,526	265,326	281,964	249,920	375,369	292,950	244,876
Foreign.....	261,508	260,950	255,790	391,687	274,589	240,889	318,960
Combing, total.....	244,084	237,862	250,351	301,831	318,004	207,728	320,057
Grease.....	226,306	219,377	234,596	281,032	297,205	277,044	307,370
Scoured.....	8,837	10,092	9,212	10,820	11,130	10,114	11,398
Pulled.....	9,842	7,893	6,543	9,970	10,560	10,570	8,189
Clothing, total.....	74,344	80,349	86,547	99,384	113,311	96,319	89,822
Grease.....	17,380	17,092	18,092	24,560	35,096	31,377	29,911
Scoured.....	47,945	53,289	56,807	64,430	66,891	52,866	53,091
Pulled.....	9,010	9,988	10,748	10,394	11,325	12,076	6,880
Carpet, total.....	110,028	131,810	123,504	149,663	122,834	58,865	66,641
Grease.....	101,311	118,886	114,089	135,446	110,458	50,259	56,720
Scoured.....	4,303	3,933	3,656	5,924	6,696	4,777	7,002
Pulled.....	12,914	8,001	5,759	8,293	5,680	3,820	2,919
Grade not stated.....					728	3,278	2,314
Grease.....					452	2,174	1,669
Scoured.....					271	1,049	610
Pulled.....					5	55	35

¹ In computing the grease equivalent, 1 pound of scoured wool is considered as equivalent to 2 pounds in the grease, and 1 pound of pulled wool as equivalent to 1½ pounds in the grease.

TABLE 2.—ACTIVE AND IDLE WOOL MACHINERY—SUMMARY OF MONTHLY STATISTICS, BY YEARS: 1920 TO 1926

[Based on reports received from an average of 1,021, 1,098, 1,084, 1,134, 1,108, 1,059, and 1,045 mills, respectively, for the years 1920, 1925, 1924, 1923, 1922, 1921, and 1920.]

YEARLY AVERAGE	LOOMS			Sets of cards	Combs	SPINNING SPINDLES	
	Wider than 50-inch reed space	50-Inch reed space or less	Carpet and rug			Woolen	Worsted
Average total, 1926.....	61,025	16,978	9,606	¹ 7,000	2,676	2,305,639	2,602,572
In operation.....	37,719	11,410	5,502	5,849	1,909	1,062,008	1,818,346
Idle.....	23,303	5,568	3,044	1,720	767	943,631	789,227
Average total, 1925.....	60,431	17,323	9,659	¹ 7,050	2,678	2,201,004	2,628,014
In operation.....	41,658	12,500	7,246	6,717	1,817	1,612,925	1,805,532
Idle.....	18,773	4,823	2,423	1,333	761	478,169	823,882
Average total, 1924.....	60,850	17,295	9,423	¹ 6,944	2,658	2,282,770	2,606,513
In operation.....	42,310	13,258	7,037	5,683	1,930	1,832,715	1,807,810
Idle.....	18,540	4,037	2,386	1,281	688	450,055	798,708
Average total, 1923.....	61,451	17,194	9,123	¹ 6,983	2,603	2,291,423	2,520,321
In operation.....	49,054	14,265	7,863	6,122	2,127	1,965,037	2,210,084
Idle.....	11,707	2,920	1,270	861	466	325,786	310,287
Average total, 1922.....	63,102	18,181	9,073	¹ 7,039	2,583	2,314,099	2,488,425
In operation.....	43,431	13,125	7,282	5,910	2,038	1,917,525	1,038,129
Idle.....	19,671	5,056	1,791	1,129	545	307,174	550,286
Average total, 1921.....	62,484	18,022	8,686	¹ 6,722	2,470	2,301,305	2,377,056
In operation.....	44,534	12,782	4,889	4,810	2,024	1,653,328	1,005,284
Idle.....	17,950	5,200	3,777	1,903	446	647,082	350,772
Average total, 1920.....	61,508	18,142	8,594	¹ 6,552	2,302	2,254,317	2,332,529
In operation.....	39,426	12,717	5,723	4,565	1,790	1,517,594	1,730,504
Idle.....	22,078	5,425	2,805	1,084	602	736,723	602,025

PER CENT OF TOTAL NUMBER OF MACHINES

Ac-tive	Idle	Ac-tive	Idle	Ac-tive	Idle	Ac-tive	Idle	Ac-tive	Idle	Ac-tive	Idle	Ac-tive	Idle	
Average:														
1926.....	61.8	38.2	67.2	32.8	68.3	31.7	75.7	24.3	71.8	28.7	72.1	27.9	60.7	30.3
1925.....	69.0	31.1	72.2	27.8	74.0	25.1	81.1	18.9	71.0	28.4	79.1	20.9	68.7	31.3
1924.....	69.5	30.5	76.7	23.3	74.7	25.3	81.8	18.2	78.7	26.3	80.3	19.7	69.4	30.6
1923.....	68.8	19.2	89.0	17.0	86.1	13.9	87.7	12.3	82.0	18.0	85.8	14.2	87.7	12.8
1922.....	68.8	31.2	72.2	27.8	80.3	19.7	84.0	10.0	78.9	21.1	82.8	17.2	77.9	22.1
1921.....	71.3	28.7	70.6	28.4	56.4	43.6	71.6	28.4	81.9	18.1	71.8	28.2	84.0	15.0
1920.....	64.1	35.9	70.1	29.9	66.7	33.3	69.7	30.3	74.8	25.2	67.3	32.7	74.2	25.8

¹ Includes data for shoddy cards but not for worsted cards.

SUMMARY FOR INDUSTRIES IN GROUP 2 WHICH ARE NOT COVERED BY SEPARATE REPORTS, BY STATES

This table presents summary statistics for the industries in Group 2 other than those for which separate reports are given on pp. 218-400. More detailed statistics for 1925 are given, for the United States as a whole, in Table II, p. 1288; and summaries for States and large cities, carrying statistics for these industries in comparison with those for other industries, appear in Tables III and IV, pp. 1302 and 1381. See "General explanations," pp. 3-12; in particular, "Limitation of statistics to establishments reporting products valued at \$5,000 or more," p. 5, "Power equipment," p. 6, "Cost of materials," p. 7, "Value added by manufacture," p. 8, and "State and city statistics," p. 10.

YEAR AND STATE	Number of establishments	Wage earners (average number)	Horse-power	Wages	Cost of materials	Value of products	Value added by manufacturer
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AWNINGS, TENTS, SAILS, AND CANVAS COVERS

[Principal products: Window, store, and veranda awnings; tents; sails; tarpsailins; canvas covers for trucks, furniture, etc. Small establishments manufacturing these goods to individual order are not included]

<i>United States</i>							
1925.....	905	6,249	4,504	\$7,500,561	\$27,453,156	1 \$48,508,984	\$21,115,828
1923.....	814	5,958	4,728	6,922,958	25,220,222	1 45,275,756	20,046,534
1921.....	709	5,070	(2)	5,930,577	21,327,125	1 37,011,718	15,684,593
1919.....	895	6,028	4,571	5,858,523	26,901,140	1 45,600,390	18,720,250
<i>States, 1925</i>							
Alabama.....	5	26	12	24,523	87,470	166,878	79,399
California.....	76	370	260	526,108	2,623,708	4,230,063	1,612,344
Colorado.....	10	149	126	160,804	599,441	1,040,402	450,021
Connecticut.....	25	75	58	90,740	161,234	431,614	270,380
District of Columbia.....	8	65	10	71,995	119,871	236,394	170,523
Florida.....	20	187	124	237,038	726,643	1,426,312	698,069
Georgia.....	8	116	463	86,848	512,882	860,890	348,008
Illinois.....	50	478	359	696,602	2,177,188	4,031,241	1,854,053
Indiana.....	22	185	112	197,518	820,347	1,413,016	592,069
Iowa.....	15	85	90	77,977	219,845	486,222	269,377
Kansas.....	11	95	39	97,530	376,261	604,086	227,782
Kentucky.....	5	44	71	39,570	195,300	327,887	132,587
Louisiana.....	6	69	85	77,396	321,714	639,412	317,608
Maine.....	9	29	11	32,457	59,048	141,531	82,483
Maryland.....	18	73	43	88,601	266,521	507,610	241,089
Massachusetts.....	55	341	221	430,051	903,045	1,083,552	1,080,507
Michigan.....	26	257	127	361,160	1,135,591	2,111,124	975,533
Minnesota.....	18	118	84	132,053	453,135	857,094	403,069
Missouri.....	23	422	213	410,059	2,073,209	3,140,728	1,073,519
Montana.....	4	8	5	13,831	17,812	52,100	34,788
Nebraska.....	7	85	40	114,680	180,578	411,808	222,815
New Jersey.....	50	173	99	213,267	468,311	1,008,570	540,259
New York.....	164	830	400	1,160,218	3,440,792	6,581,316	3,134,524
Ohio.....	43	805	726	856,887	4,552,672	6,930,810	2,884,138
Oklahoma.....	9	27	22	36,496	150,938	256,808	99,870
Oregon.....	7	42	22	43,932	170,024	321,406	141,452
Pennsylvania.....	92	330	212	431,388	1,329,555	2,498,600	1,164,046
South Dakota.....	3	8	5	6,882	20,076	86,872	15,806
Tennessee.....	8	55	21	57,116	229,505	429,213	199,708
Texas.....	18	253	175	210,146	1,150,180	1,892,536	733,356
Utah.....	4	11	10	14,927	74,490	114,293	59,803
Virginia.....	14	60	29	71,578	216,984	415,848	198,859
Washington.....	14	77	138	112,887	531,872	873,107	341,255
West Virginia.....	4	15	14	17,441	49,282	120,452	71,170
Wisconsin.....	18	147	58	134,884	427,396	861,875	434,479
All other States ^a	22	130	65	135,170	576,933	1,049,234	473,301

¹ Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of awnings, tents, sails, and canvas covers: 1925, \$2,742,503; corresponding amounts for earlier years not calculated. Does not include the following values of awnings, tents, sails, and canvas covers made as secondary products by establishments classified in other industries: 1925, \$1,743,831; 1923, \$1,409,439; 1921, \$1,928,266; 1919, \$2,802,007.

² Not called for on schedule.

³ Arizona, 1 establishment; Arkansas, 4; Idaho, 2; New Hampshire, 2; North Carolina, 4; North Dakota, 1; Rhode Island, 4; South Carolina, 1; Vermont, 2; Wyoming, 1.

SUMMARY FOR INDUSTRIES IN GROUP 2 WHICH ARE NOT COVERED BY SEPARATE REPORTS, BY STATES—Continued

[See note at head of this table, p. 407]

YEAR AND STATE	Number of establishments	Wage earners (average number)	Horse-power	Wages	Cost of materials	Value of products	Value added by manufacture
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BAGS, OTHER THAN PAPER, NOT MADE IN TEXTILE MILLS

[Principal products: Mainly jute and canvas bags for mail, coal, cement, grain, flour, meal, money, etc.; bags for use by carpenters, newsboys, and fruit pickers; individual tea-service bags, etc. This industry does not include the manufacture of bags made and used by the same establishment as containers for flour, tobacco, cotton, or other commodities manufactured by these establishments. The production of bags in cotton mills is shown in the report for the cotton-goods industry (Table II, p. 245).]

<i>United States</i>							
1925	182	11,404	15,205	\$9,331,815	\$160,102,277	\$175,081,911	\$21,970,034
1928	169	11,648	13,852	9,360,996	128,221,003	1,151,075,727	23,454,124
1921	100	10,324	(8)	8,031,523	99,437,815	115,452,413	16,011,593
1919	216	10,736	9,076	7,750,582	176,017,560	1,214,050,474	38,041,914
<i>States, 1925</i>							
California	6	687	804	588,112	7,383,010	8,880,165	1,406,265
Georgia	5	846	1,474	485,857	5,752,890	6,980,102	1,177,212
Illinois	12	287	532	205,321	4,227,312	4,910,009	713,597
Louisiana	7	1,139	911	687,018	14,808,212	17,015,970	2,117,788
Maryland	6	99	151	78,987	1,428,204	1,752,004	223,580
Minnesota	5	545	867	530,078	10,479,423	11,015,478	1,436,063
Missouri	9	390	2,034	1,106,425	18,400,077	21,037,426	3,236,749
New Jersey	7	782	792	634,509	8,373,034	9,501,200	1,221,280
New York	37	2,050	2,202	2,018,335	27,328,002	31,948,523	4,610,024
Ohio	7	393	365	854,012	4,834,501	5,636,076	801,486
Pennsylvania	12	381	220	327,043	4,731,175	5,821,712	1,063,537
Tennessee	6	785	651	450,748	8,912,023	10,460,375	1,548,162
Virginia	10	267	257	164,479	3,121,026	3,533,206	411,070
All other States	83	1,841	3,072	1,561,353	30,230,128	35,012,404	4,782,366

¹ Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of bags, other than paper bags: 1925, \$2,760,916; corresponding amounts for earlier years not calculated. Does not include the following values of bags, other than paper bags, made as secondary products by establishments classified in other industries: 1925, \$5,337,193; 1928, \$0,707,105; 1921, \$3,880,073. Of these amounts, bags reported by cotton mills were valued as follows: 1925, \$3,761,653; 1923, \$5,011,781; 1921, \$2,088,870. The total value of bags, other than paper bags, manufactured by all establishments reporting such products, regardless of the industry classification (and including the value of products other than bags reported by establishments classified in the bag industry), was as follows: For 1925, \$180,419,104; 1923, \$158,442,022; 1921, \$119,333,386. No comparable data available for 1919.

² Not called for on schedule.

³ Alabama, 2 establishments; Florida, 3; Indiana, 1; Kansas, 1; Kentucky, 1; Massachusetts, 4; Michigan, 2; Nebraska, 1; North Carolina, 2; Oklahoma, 1; Oregon, 3; Rhode Island, 2; South Carolina, 3; Texas, 2; Washington, 2; Wisconsin, 3.

BELTING, OTHER THAN LEATHER AND RUBBER, MADE FROM PURCHASED FABRICS

[Principal products: Cotton and canvas belting, both sewed and endless; woven camel's-hair belting, weatherproof belting. This industry formerly included the manufacture of belting from materials woven in the same establishments, but such establishments are now treated as textile mills and classified in the "Cotton small wares" industry. For this reason no comparable statistics can be given for years prior to 1923.]

<i>United States</i>							
1925	11	254	914	\$264,248	\$1,505,602	\$3,111,500	\$1,515,898
1923	13	335	930	360,736	1,674,041	3,311,527	1,037,486
<i>States, 1925</i>							
Maryland	3	12	75	5,621	40,240	134,494	94,254
All other States	8	242	833	258,725	1,565,362	2,977,006	1,421,044

¹ Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of belting, other than leather and rubber, made from purchased fabrics: 1925, \$196,623; corresponding amount for 1923 not calculated. Does not include the following values of belting, other than leather and rubber, made from purchased fabrics reported as secondary products by establishments classified in other industries: 1925, \$471,989; 1923, \$192,660. Because of a change in the classification of this industry, no comparable data for years prior to 1923 can be presented.

² Illinois, 2 establishments; New Jersey, 1; Ohio, 2; Pennsylvania, 3. Each one of these States reported a larger value of products than Maryland. (See "State and city statistics," p. 10.)

SUMMARY FOR INDUSTRIES IN GROUP 2 WHICH ARE NOT COVERED BY SEPARATE REPORTS, BY STATES—Continued

[See note at head of this table, p. 407.]

YEAR, AND STATE	Number of establish-ments	Wage earners (average number)	Horse-power	Wages	Cost of materials	Value of products	Value added by manu-facture
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CARPETS AND RUGS, RAG

[Principal products: Rag and fluff carpets and rugs made from materials obtained from old carpets and rugs, and to some extent from cotton yarns, cut rags, and mill ends. The value of products shown for this industry consists in part of the actual value of carpets and rugs manufactured from materials owned by the same establishment and in part of the amounts received for work done on a contract basis on materials owned by others]

United States							
1925	139	1,901	2,349	\$1,875,750	\$1,942,334	1 \$5,709,812	\$3,767,478
1923	151	2,041	2,587	1,850,701	2,085,107	1 6,097,441	4,002,274
1921	149	1,576	(2)	1,440,407	1,030,171	1 4,860,405	3,221,234
1910	330	2,010	2,659	1,650,501	2,037,874	1 5,597,057	3,559,183
States, 1925							
California	15	86	120	95,932	50,480	268,087	217,598
Connecticut	3	21	27	13,047	5,744	37,650	31,906
Indiana	6	28	66	27,020	8,899	75,100	66,261
Iowa	4	33	85	35,073	7,086	87,020	70,941
Kansas	7	31	77	36,977	14,514	79,769	65,255
Massachusetts	0	65	93	49,982	33,935	170,700	136,771
Michigan	4	20	27	19,078	7,520	51,403	43,583
Minnesota	6	41	51	33,701	28,180	137,142	108,962
New Jersey	9	100	135	87,151	103,006	280,005	176,999
New York	13	125	230	133,160	138,398	528,701	383,392
Ohio	7	51	78	45,158	22,587	129,440	106,553
Oregon	3	17	29	18,164	14,734	55,775	41,041
Pennsylvania	18	513	503	416,344	719,739	1,482,645	762,906
Washington	5	9	29	7,355	5,245	32,348	27,103
Wisconsin	5	58	61	49,957	68,640	180,584	111,944
All other States ¹	25	673	728	807,016	712,418	2,114,081	1,401,068

¹ Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of rag carpets and rugs: 1925, \$8,471; corresponding amounts for earlier years not calculated. Does not include the following values of rag carpets and rugs made as secondary products by establishments classified in other industries: 1925, \$77,834; 1923, \$88,078; 1921, \$530,501; 1910, \$640,871.

¹ Not called for on schedule.

² Colorado, 1 establishment; District of Columbia, 1; Idaho, 1; Illinois, 7; Kentucky, 2; Maine, 2; Maryland, 1; Mississippi, 1; Missouri, 1; Montana, 1; Nebraska, 1; New Hampshire, 2; South Dakota, 1; Texas, 1; Utah, 1; West Virginia, 1. Illinois reported a larger value of products than any State for which figures are given.

CLOTH SPONGING AND REFINISHING

[The sponging and refinishing of woolen cloth on contract. The value of products shown represents merely the amount received for work done. Many of the establishments engaged in the manufacture of clothing do their own sponging and refinishing, but the operations of such establishments are not included in this industry]

United States							
1925	61	931	975	\$1,880,118	\$203,429	\$3,888,852	\$9,685,423
1923	65	1,225	911	2,200,506	298,263	4,651,736	4,353,473
1921	65	1,123	(1)	1,769,597	264,300	4,101,084	3,836,784
1910	67	1,206	927	1,561,601	178,161	3,690,358	3,512,607
States, 1925							
Maryland	4	44	160	64,700	7,370	172,929	165,550
Massachusetts	4	43	49	68,147	4,931	151,670	146,739
New York	38	611	630	1,449,066	162,146	2,900,961	2,738,815
Ohio	5	61	47	90,862	13,094	252,222	239,128
Pennsylvania	5	50	66	79,425	10,757	174,786	164,029
All other States ¹	5	80	14	136,928	5,131	236,284	231,153

¹ Not called for on schedule.

² Illinois, 2 establishments; Kentucky, 1; Michigan, 1; Missouri, 1.

SUMMARY FOR INDUSTRIES IN GROUP 2 WHICH ARE NOT COVERED BY SEPARATE REPORTS, BY STATES—Continued

[See note at head of this table, p. 407]

YEAR AND STATE [See note at head of this table, p. 407]	Number of estab- lishments	Wage earners (average number)	Horse- power	Wages	Cost of materials	Value of products	Value added by manu- facture
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FLAGS AND BANNERS

[Principal products: Flags, banners, pennants, etc., made from bunting, cotton, felt, leather, silk, and other materials]

United States							
1925	49	1,031	620	\$890,426	\$2,332,222	¹ \$4,588,111	\$2,255,889
1923	52	878	748	758,485	2,024,130	¹ 3,807,308	1,783,178
1921	57	991	(2)	776,931	1,850,333	¹ 3,636,990	1,780,657
1919	70	1,065	778	705,212	3,286,165	¹ 5,846,089	2,050,024
States, 1925							
California	5	85	33	84,103	153,304	302,360	208,075
Illinois	4	76	15	65,566	151,072	332,393	180,721
New York	16	280	100	268,974	616,767	¹ 216,855	600,098
Pennsylvania	5	210	71	143,230	570,210	966,870	387,603
All other States ¹	10	371	401	328,544	831,183	1,700,015	878,432

¹ Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of flags and banners: 1925, \$339,978; corresponding amounts for earlier years not calculated. Does not include the following values of flags and banners made as secondary products by establishments classified in other industries: 1925, \$349,567; 1923, \$345,407; 1921, \$154,134; 1919, \$503,800.

² Not called for on schedule.

• Colorado, 1 establishment; Iowa, 2; Massachusetts, 2; Michigan, 2; Missouri, 1; New Jersey, 1; Ohio, 4; Rhode Island, 1; Vermont, 1; Virginia, 2; Washington, 2.

HAMMOCKS

[Principal products: Hammocks of every description, including hammock couches, made from purchased textile fabrics or woven or knitted directly from purchased yarn. Hammocks are made to a greater extent by establishments engaged primarily in the manufacture of other classes of commodities, and in particular by those whose principal products are furniture, mattresses and bed springs, and cotton goods, than by establishments classified in the hammock industry itself. (See footnote 3.)]

United States ¹							
1925	14	121	200	\$67,716	\$367,420	² \$574,058	\$206,638
1923	4	68	103	62,971	206,877	² 351,893	145,016
1921	5	61	(4)	38,380	161,552	² 249,460	87,914
1919	6	64	92	40,241	169,402	² 255,755	86,263

¹ Statistics for States can not be given without disclosing operations of individual establishments.

² California, 1 establishment; Illinois, 1; New York, 1; Wisconsin, 1.

³ Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of hammocks: 1925, \$286,504; corresponding amounts for earlier years not calculated. Does not include the following values of hammocks made as secondary products of establishments classified in other industries: 1925, \$948,232; 1923, \$1,603,163; 1921, \$836,422; 1919, \$655,187.

⁴ Not called for on schedule.

SUMMARY FOR INDUSTRIES IN GROUP 2 WHICH ARE NOT COVERED BY SEPARATE REPORTS; BY STATES—Continued

[See note at head of this table, p. 407.]

YEAR AND STATE	Number of establish-ments	Wage earners (average number)	Horse-power	Wages	Cost of materials	Value of products	Value added by manu-facture
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HAT AND CAP MATERIALS

[See "Hat and cap materials—products, by class and value, by States: 1925," p. 414.]

[Preparation of hatters' fur; manufacture of linings for men's and women's hats, sweat bands, visors, and trimmings; printing on sweat bands, linings, and bands. This industry does not include the manufacture of certain classes of hat and cap materials, such as leather, dressed fur, and various other materials classified as "millinery and lace goods"]

United States							
1925	80	2,127	5,141	\$2,413,187	\$15,218,003	1 \$22,049,047	\$6,880,054
1923	104	2,304	4,749	2,410,808	13,863,235	1 20,507,592	6,044,357
1921	103	1,722	(2)	1,737,221	6,718,371	1 11,645,326	4,881,955
1919	133	3,000	4,927	3,132,571	16,048,910	1 20,521,212	9,877,293
States, 1925							
Connecticut	13	500	2,452	572,228	3,405,808	5,286,590	1,740,782
Illinois	4	21	5	24,099	20,761	78,810	49,040
New Jersey	5	236	614	283,070	1,793,022	2,407,478	674,456
New York	59	1,213	2,053	1,489,108	9,695,382	13,752,290	4,150,908
Pennsylvania	4	31	9	24,613	273,672	427,007	153,335
All other States ^a	4	16	8	18,470	30,448	86,872	56,424

¹ Does not include values of hat and cap materials made as secondary products by establishments classified in other industries: 1925, \$202,172; 1923, \$248,357; 1921, \$80,174; 1919, \$6,400.

² Not called for on schedule.

³ Maryland, 1 establishment; Massachusetts, 2; Ohio, 1.

HORSE BLANKETS, FLY NETS, AND RELATED PRODUCTS

[Principal products: Horse blankets, saddlecloths, and breast aprons made from purchased fabrics; cotton and leather fly nets, sweat pads, etc. This industry does not include the manufacture of horse blankets, saddlecloths, and breast aprons from fabrics woven by the same establishments, such establishments being treated as textile mills and classified in the appropriate textile industries]

United States							
1925	20	694	1,773	\$564,061	\$2,535,217	1 \$3,806,918	\$1,361,701
1923	22	841	2,900	609,555	2,773,844	1 5,136,544	2,362,700
1921	27	705	(2)	682,175	2,677,487	1 3,834,586	1,157,089
1919	28	766	1,577	551,278	3,456,086	1 6,020,012	2,664,026
States, 1925							
New York	5	68	43	82,785	234,855	379,214	144,369
Pennsylvania	4	62	147	45,281	190,655	269,274	78,619
Wisconsin	6	262	386	103,990	1,018,042	1,466,378	448,336
All other States ^b	5	302	1,197	242,005	1,001,665	1,782,062	690,387

¹ Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of horse blankets, fly nets, and related products: 1925, \$647,238; corresponding amounts for earlier years not calculated. Does not include the following values of horse blankets, fly nets, and related products made as secondary products by establishments classified in other industries: 1925, \$930,226; 1923, \$1,000,067; 1921, \$1,350,786; 1919, \$2,022,684. Of these amounts, horse blankets to the following values were reported by woolen and worsted mills: 1925, \$786,560; 1923, \$1,338,551; 1921, \$1,173,058; 1919, \$1,606,417.

² Not called for on schedule.

³ Illinois, 1 establishment; Maine, 1; Ohio, 2; Rhode Island, 1.

SUMMARY FOR INDUSTRIES IN GROUP 2 WHICH ARE NOT COVERED BY SEPARATE REPORTS, BY STATES—Continued

[See note at head of this table, p. 407.]

YEAR AND STATE	Number of establishments	Wage earners (average number)	Horse-power	Wages	Cost of materials	Value of products	Value added by manufacture
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HOUSE-FURNISHING GOODS, NOT ELSEWHERE CLASSIFIED

[See "House-furnishing goods, not elsewhere classified—products, by class and value, by States: 1925," p. 415]

[Principal products: (1) Comfortables and quilts; (2) feather pillows, feather beds, etc.; (3) mops, dusters, etc.; (4) curtains and draperies, made from purchased fabrics; (5) miscellaneous house-furnishing goods, not covered by separate classifications, such as portières, carpet linings, furniture covers, serving trays, hassocks, carpet sweepers, and clotheslines (made from purchased cord). House furnishings are also manufactured in a number of other industries, namely, "Asphalted-felt-base floor coverings," "Carpets and rugs, rag," "Carpets and rugs, wool, other than rag," "Cotton goods," "Cotton lace," "Furniture," "Linoleum," "Mattresses and bed springs, not elsewhere classified," "Oilecloth," "Silk manufactures," and "Upholstering materials, not elsewhere classified"]

United States							
1925	433	9,307	10,702	\$9,142,570	\$51,078,800	1 \$78,054,563	\$27,575,763
1923	452	8,708	9,969	8,404,350	44,666,808	1 60,333,182	24,669,284
1921	419	7,504	(4)	6,955,472	36,100,227	1 54,550,787	19,444,560
1919	407	7,863	11,857	6,443,915	39,793,902	1 60,211,804	20,417,842
States, 1925							
California	25	221	471	285,550	837,952	1,698,326	860,374
Connecticut	8	660	2,103	559,030	2,620,502	3,861,369	1,246,777
Illinois	47	1,258	2,067	1,412,908	6,509,002	10,874,660	4,306,058
Indiana	4	24	7	22,474	74,102	121,909	47,807
Louisiana	4	70	57	35,907	203,287	387,844	179,577
Maryland	6	74	74	51,285	341,633	549,694	205,011
Massachusetts	57	1,396	439	1,320,358	9,581,098	13,577,168	3,998,070
Michigan	6	381	705	439,151	972,810	2,595,132	1,622,392
Minnesota	5	46	28	46,052	144,714	318,326	170,012
Missouri	12	111	376	100,180	391,702	805,213	413,451
New Jersey	13	332	320	318,579	1,171,085	2,403,388	1,231,703
New York	162	3,300	1,820	3,390,768	22,673,687	32,148,480	9,474,703
Ohio	23	372	899	288,776	1,436,490	2,437,876	1,001,386
Pennsylvania	29	971	918	814,236	2,947,363	4,868,293	1,920,920
Rhode Island	6	65	26	41,675	137,248	212,924	75,576
Washington	8	13	5	12,764	23,582	59,389	35,807
Wisconsin	4	68	6	62,496	228,630	395,643	166,013
All other States	10	242	321	150,091	778,113	1,342,109	563,966

¹ Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of house-furnishing goods: 1925, \$1,634,534; corresponding amounts for earlier years not calculated. Does not include the following values of house-furnishing goods made as secondary products by establishments classified in other industries: 1925, \$0,045,950; 1923, \$8,866,770; 1921, \$5,298,735; 1919, \$6,818,204.

² Not called for on schedule.

Alabama, 1 establishment; Colorado, 1; Georgia, 3; Iowa, 2; Kentucky, 1; Nebraska, 1; North Carolina, 1; Oklahoma, 1; Oregon, 2; South Carolina, 1; Tennessee, 3; Virginia, 2.

SUMMARY FOR INDUSTRIES IN GROUP 2 WHICH ARE NOT COVERED BY SEPARATE REPORTS, BY STATES—Continued

[See note at head of this table, p. 407]

YEAR AND STATE	Number of establishments	Wage earners (average number)	Horse-power	Wages	Cost of materials	Value of products	Value added by manufacture
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NETS AND SEINES

[Principal products: Fish nets and netting, seines, and laundry nets. Basketball nets and tennis nets, which are normally products of the "Sporting and athletic goods, not including firearms or ammunition" industry (Group 16), were reported as secondary products by some of the establishments classified in the "Nets and seines" industry.]

United States	21	885	1,190	\$702,480	\$3,478,993	\$5,157,491	\$1,678,498
1925	21	885	1,082	749,482	3,157,327	4,027,692	1,470,365
1923	17	882	(1)	495,015	1,045,749	3,016,865	1,070,116
1921	15	705	969	561,232	3,048,206	5,114,414	1,466,208
1919	10	869					

¹ Statistics for States can not be shown without disclosing operations of individual establishments.

² Connecticut, 2 establishments; Georgia, 1; Illinois, 4; Maryland, 2; Massachusetts, 3; Missouri, 1; New Jersey, 3; Ohio, 1; Pennsylvania, 2; Rhode Island, 1; Wisconsin, 1.

³ Does not include the following values of nets and seines made as secondary products by establishments classified in other industries: 1925, \$569,045; 1923, \$63,700; 1921, \$65,500. No comparable data for 1919.

⁴ Not called for on schedule.

REGALIA, BADGES, AND EMBLEMS

[Principal products: Robes, costumes, badges, lodge paraphernalia, church vestments, religious medals, printed ribbons, etc., for use by military, naval, fraternal, and religious organizations]

United States							
1925	85	1,002	1,068	\$2,032,832	\$3,062,261	\$9,623,018	\$5,660,757
1923	84	2,140	1,100	2,000,012	4,242,715	10,585,846	6,343,131
1921	81	2,204	(2)	2,048,350	4,422,824	10,359,349	5,930,625
1919	115	2,223	1,321	1,800,383	4,237,055	9,395,470	5,108,415

States, 1925

Illinois	15	265	110	250,341	371,457	979,647	608,190
Maryland	4	52	13	43,507	46,284	121,293	75,014
Massachusetts	7	92	102	103,021	183,728	413,056	229,328
Missouri	4	54	72	47,825	61,684	198,000	140,316
New Jersey	6	45	78	61,528	106,358	246,525	140,172
New York	20	180	67	241,922	744,797	1,622,608	877,811
Ohio	7	854	336	857,900	1,664,074	3,003,020	2,328,046
Pennsylvania	9	74	38	99,700	212,104	475,379	263,275
All other States ³	13	307	252	356,908	580,880	1,573,485	992,605

¹ Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the manufacture of regalia, badges, and emblems: 1925, \$650,358; corresponding amounts for earlier years not calculated. Does not include the following values of regalia, badges, and emblems made as secondary products by establishments classified in other industries: 1925, \$421,900; 1923, \$707,778; 1921, \$348,003; 1919, \$177,062.

² Not called for on schedule.

³ California, 1 establishment; Colorado, 1; District of Columbia, 1; Georgia, 1; Indiana, 1; Kansas, 1; Louisiana, 1; Michigan, 1; Minnesota, 2; Rhode Island, 1; Wisconsin, 2.

UPHOLSTERING MATERIALS, NOT ELSEWHERE CLASSIFIED

[Principal products: Curled hair and ginned moss. Some of the establishments in this industry also report such products as jute-fiber battings, sisal-fiber filling, palm-leaf fiber, carpet padding, gimpes and binding for automobile upholstery, tassels, and bed feathers]

United States							
1925 ¹	34	1,196	3,380	\$1,174,403	\$5,122,777	\$7,907,832	\$2,875,055
1923	35	1,248	2,442	1,270,830	4,537,787	7,641,279	3,103,492
1921 ¹	35	740	(3)	685,529	2,687,712	4,081,278	1,393,561
1919	51	1,557	4,338	1,379,633	4,794,722	8,094,295	3,899,573

States, 1926

California	3	80	470	115,191	314,365	607,203	292,838
Louisiana	13	141	454	62,033	780,993	1,015,188	234,195
Pennsylvania	5	257	704	289,585	1,571,736	2,256,295	684,560
All other States ⁴	13	718	1,752	707,504	2,455,633	4,118,146	1,653,463

¹ Because of a change in the classification of this industry, it has been necessary to adjust the figures for 1921, and 1919 in order to make them comparable with those for 1925 and 1923. The statistics for the earlier years differ, therefore, from those published prior to 1923.

² Does not include upholstering materials made by establishments classified in other industries valued as follows: Woolen and worsted mills—1925, \$34,024,101; 1923, \$21,485,547. Other establishments—1925, \$818,818; 1923, \$165,572. Upholstering materials made in cotton and silk mills not reported separately. Data for years prior to 1923 not available.

³ Not called for on schedule.

⁴ Florida, 1 establishment; Illinois, 2; Indiana, 1; Maryland, 2; Massachusetts, 4; New Jersey, 1; New York, 1; Ohio, 1.

SUMMARY FOR INDUSTRIES IN GROUP 2 WHICH ARE NOT COVERED BY SEPARATE REPORTS, BY STATES—Continued

[See note at head of this table, p. 407]

YEAR AND STATE	Number of establishments	Wage earners (average number)	Horse-power	Wages	Cost of materials	Value of products	Value added by manufacture
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WASTE

[See "Waste—products, by class and value, by States: 1925," p. 413]

[Principal products: Processed waste (textile-mill waste cleaned or otherwise prepared by use of picker or similar machine) for use in wiping machinery, in packing car-wheel journals and the journals of heavy machines, and in the manufacture of mop yarns]

United States							
1925	105	3,033	15,396	\$2,560,827	\$29,765,041	\$38,942,505	\$9,170,651
1923	88	2,745	12,347	2,406,612	25,247,902	33,700,725	8,452,823
1921	87	1,808	(1)	1,428,747	12,632,418	16,701,004	4,158,586
1919	98	2,810	11,837	2,224,872	22,710,612	30,083,825	7,004,213
States, 1925							
California	7	71	812	62,200	408,623	718,548	250,025
Illinois	11	236	2,778	260,224	2,697,016	8,671,070	973,461
Massachusetts	11	205	943	215,171	2,896,903	3,630,423	842,520
Michigan	3	81	303	88,353	422,034	718,653	200,019
New Jersey	7	180	1,221	189,010	2,670,761	3,208,701	535,940
New York	10	315	2,242	439,421	5,793,865	5,804,437	1,570,672
Pennsylvania	28	412	2,086	443,050	4,705,480	6,254,004	1,480,144
Wisconsin	3	117	414	69,880	602,257	882,759	286,602
All other States	26	1,277	5,697	702,628	11,448,522	14,000,400	3,151,878

¹ Includes statistics for oakum, except for 1921; the statistics for the two establishments reporting "oakum" as chief product in 1921 were not shown separately, but included in "All other industries."

² Includes values of miscellaneous products, normally belonging to other industries, made as secondary products by establishments engaged primarily in the processing of waste: 1925, \$20,144; corresponding amounts for earlier years not calculated. Does not include the following values of processed waste made as secondary products by establishments classified in other industries: 1925, \$1,302,829; 1923, \$218,762; no comparable data for earlier years.

³ Not called for on schedule.

⁴ Alabama, 1 establishment; Colorado, 2; Georgia, 4; Indiana, 2; Kentucky, 1; Maine, 1; Maryland, 2; New Hampshire, 1; North Carolina, 2; Ohio, 5; Rhode Island, 1; South Carolina, 1; Texas, 2.

HAT AND CAP MATERIALS—PRODUCTS, BY CLASS AND VALUE, BY STATES: 1925

[See "Hat and cap materials," p. 411]

[This table presents statistics, by classes of products, for all States for which separate figures can be given without disclosing operations of individual establishments]

STATE	Total	Flatters' fur	Hat linings	Hat sweats	Stamping and embossing (amounts received for work done)	Cap fronts	All other products
United States	\$22,040,047	\$14,051,518	\$2,232,713	\$1,051,357	\$868,938	\$1,023,337	\$1,921,184
Connecticut	5,236,600	4,604,703					841,827
New Jersey	2,467,478	2,451,180					10,250
New York	13,762,290	7,905,508	2,232,713	930,174	727,889	978,904	1,047,044
All other States	592,680			151,183	141,049	44,433	266,024

¹ Hat and cap trimmings, skins, receipts for contract work (taping hat sweats, etc.).

² See footnote 1, "Hat and cap materials," p. 411.

SUMMARY FOR INDUSTRIES IN GROUP 2 WHICH ARE NOT COVERED BY SEPARATE REPORTS, BY STATES—Continued

[See note at head of this table, p. 407]

HOUSE-FURNISHING GOODS, NOT ELSEWHERE CLASSIFIED—PRODUCTS, BY CLASS AND VALUE, BY STATES: 1925

[See "House-furnishing goods," p. 412]

[This table presents statistics by classes of products for all States for which figures can be given without disclosing operations of individual establishments. Some States for which separate figures can not be shown reported larger values for some classes of products than some of those for which statistics are given]

STATE	Total	Comfortables and quilts	Feather pillows and beds	Mops and dusters	Curtains and draperies (made from purchased materials)	Other products, including amount received for contract work
United States	² \$79,054,503	\$8,878,754	\$4,684,088	\$5,032,301	\$22,300,884	\$37,667,546
California	1,008,326	(³)	506,107	(³)	510,392	682,827
Illinois	10,874,660	1,151,733	1,174,442	1,052,994	707,304	0,128,097
Massachusetts	13,677,108	121,278	193,521	891,002	10,557,834	1,813,533
Missouri	805,213	(³)	264,135	230,665	—	280,513
New York	32,148,480	2,148,566	583,353	390,945	7,081,438	21,044,170
Ohio	2,437,876	(³)	(³)	480,243	171,110	1,777,523
Pennsylvania	4,868,203	1,850,070	314,750	301,533	(³)	2,400,705
Rhode Island	212,824	—	—	—	145,375	67,449
All other States	12,031,723	3,231,105	721,207	900,780	1,513,705	5,574,767

¹ Portières, carpet linings, furniture covers, piano covers and scarfs, hassocks, etc.

² See footnote 1, "House-furnishing goods," p. 412.

³ Included with "All other products" to avoid disclosing operations of individual establishments.

WASTE—PRODUCTS, BY CLASS AND VALUE, BY STATES: 1925

[See "Waste," p. 414]

[This table presents statistics by classes of products for all States for which figures can be given without disclosing operations of individual establishments. Some States for which separate figures can not be shown reported larger values for some classes of products than some of those for which statistics are given]

STATE	Total	Cotton waste	Wool waste	Other waste	Wiping rags	All other products
United States	¹ \$38,942,506	\$21,343,763	\$4,410,328	\$2,047,003	\$0,606,171	\$920,240
California	718,548	(²)	(²)	138,611	516,937	63,000
Illinois	8,071,070	1,204,004	675,306	27,497	1,672,339	1,954
Massachusetts	3,539,423	2,712,107	(²)	66,096	702,220	—
Michigan	718,653	(³)	(³)	—	539,653	179,000
New Jersey	3,200,701	2,005,880	(³)	695,395	—	445,426
New York	5,304,437	3,784,741	(³)	760,820	558,655	260,421
Pennsylvania	6,254,604	3,076,614	2,167,851	387,727	563,761	59,161
Wisconsin	868,759	648,328	(⁴)	16,937	202,906	503
All other States	14,600,400	7,530,238	445,700	1,078,158	4,888,430	87,775

¹ See footnote 2, "Waste," p. 414.

² Included with "Other waste" to avoid disclosing operations of individual establishments.

³ Included with "All other products" to avoid disclosing operations of individual establishments.

⁴ Included with "Wiping rags" to avoid disclosing operations of individual establishments.

Group 3.—IRON AND STEEL AND THEIR PRODUCTS, NOT INCLUDING MACHINERY

THE GROUP AS A WHOLE

Group 3 comprises the industries manufacturing crude iron and steel and those manufacturing iron and steel products, with the following exceptions: Group 12, Machinery, not including transportation equipment; Group 14, Transportation equipment, air, land, and water; and Group 15, Railroad repair shops.

For statistical purposes Group 3 has been divided into two subgroups, namely: (1) Crude iron and steel and rolled products, and (2) other iron and steel products. The industries in the second subgroup use as their principal materials the products of the industries in the first subgroup, so that in the total cost of materials and the total value of products for the group as a whole extensive duplication occurs. In fact, considerable duplication appears within some of the individual industries.

At the censuses for 1925, 1923, 1921, and 1919 each establishment which rolled iron or steel was assigned as an entirety to the steel works and rolling mills industry, except that blast-furnace departments were uniformly segregated and treated as separate establishments. At the censuses for 1914 and prior years this segregation extended also, in the main, to the tin-plate-dipping departments and the wire-drawing departments of plate and rod rolling mills. Rolling-mill establishments in many cases manufacture large quantities of more advanced products, such as bolts, rivets, pipe, nails, tin plate, and terneplate, and wire. For this reason the several industries which constitute the subgroup "Other iron and steel products" embrace only those establishments which do not operate rolling mills but purchase the iron and steel, rolled or unrolled, which they use as materials. Thus the statistics for certain of these industries by no means indicate the full extent of the manufacturing operations involved in the production of the various classes of commodities covered by the industry designations. Moreover, the comparability of the statistics as between one census year and another is effected by changes in the proportions of the products in question which are made by rolling-mill establishments and by establishments which do not operate rolling mills. In the detailed product tables for the more important industries, however, value-of-product figures are given, so far as data are available, covering the total output of the individual classes of commodities, whether made in rolling mills or in other industries. For example, Table 6, p. 449, shows the total value of pipes and tubes made in rolling mills, and in addition the value of products reported by establishments, other than rolling mills, engaged primarily in the manufacture of pipes and tubes, and the data for wire and wire products are shown in a similar manner in Table 5, p. 444.

The table on page 417 lists the industries in Group 3, and gives summary statistics for each as compiled from data collected at the last four censuses. On pages 420 to 492 are presented detailed reports for those industries in Group 3 for which statistics have been published separately in pamphlet form. Following these reports are given brief descriptions and summary statistics for the remaining industries in this group. (See pp. 493 to 503.)

SUMMARY FOR GROUP 3, IRON AND STEEL AND THEIR PRODUCTS, NOT INCLUDING MACHINERY: 1919 TO 1925

[Data for establishments reporting products valued at less than \$5,000 are included in the figures for 1919 but not in those for subsequent years]

INDUSTRY	Cen-	Num-	Wage	Wages	Cost of	Value of	Value	Horse-
year	estab-	(average	(average	ma-	prod-	manu-		
Total	1925	6,068	851,270	1,284,339	3,734,350	6,461,668	2,727,318	7,518,999
	1923	6,358	892,660	1,324,588	4,152,918	6,828,841	2,676,023	7,259,275
	1921	6,256	571,798	781,186	2,140,344	3,456,390	1,316,046	(1)
	1919	7,621	858,571	1,244,405	3,423,678	5,889,523	2,463,845	8,490,002
Crude iron and steel and rolled products.	1925	595	399,914	660,297	2,429,378	3,711,864	1,281,076	6,143,927
	1923	653	424,913	696,761	2,872,028	4,161,938	1,289,910	*5,999,941
	1921	628	254,213	354,357	1,366,175	1,901,430	535,255	(1)
	1919	698	416,748	711,406	2,301,862	3,623,369	1,321,507	5,399,574
Iron and steel: Blast furnaces.	1925	122	29,188	45,312	617,417	765,236	147,869	1,380,304
	1923	160	36,712	55,936	827,630	1,007,613	170,983	1,086,419
	1921	134	18,698	29,370	361,050	419,771	68,721	(1)
	1919	195	41,680	78,769	621,286	794,407	173,181	1,581,407
Iron and steel: Steel works and rolling mills.	1925	473	370,726	614,985	1,811,961	2,946,068	1,134,107	4,763,533
	1923	489	385,201	687,825	2,044,398	3,154,325	1,100,027	4,813,522
	1921	494	235,515	324,987	1,006,126	1,481,659	476,534	(1)
	1919	500	375,088	637,637	1,680,576	2,828,902	1,148,326	3,818,167
Other iron and steel products.	1925	5,473	451,356	624,042	1,304,972	2,750,314	1,445,342	1,375,072
	1923	5,700	407,747	627,827	1,280,890	2,666,903	1,386,013	1,259,334
	1921	5,627	317,585	376,820	774,169	1,554,960	780,791	(1)
	1919	6,928	441,823	532,999	1,121,816	2,266,154	1,144,338	1,030,428
Iron and steel products, not made in steel works or rolling mills: Bolts, nuts, washers, and rivets. ²	1925	127	18,907	17,042	38,507	75,926	37,419	54,787
	1923	128	15,962	20,207	41,874	84,431	42,557	48,036
	1921	125	10,148	10,269	18,648	35,774	17,226	(1)
	1919	144	17,067	20,974	44,277	89,744	46,467	49,059
Cast-iron pipe.	1925	77	23,033	27,438	48,847	100,388	51,641	54,820
	1923	73	21,676	26,020	48,804	92,674	43,870	47,239
	1921	70	12,496	13,136	23,897	44,322	20,425	(1)
	1919	69	12,025	14,705	25,386	50,235	24,849	28,741
Doors, shutters, and window sash and frames. ²	1925	92	6,701	12,599	21,628	50,078	28,450	16,699
	1923	87	2,429	4,333	5,604	15,307	9,763	3,081
	1921	45	1,782	2,881	4,289	12,467	8,178	(1)
	1919	57	2,077	2,730	4,578	10,877	6,299	4,018
Forgings ² .	1925	218	20,290	31,313	68,081	134,611	68,430	120,014
	1923	234	21,408	40,207	92,853	170,011	85,158	136,022
	1921	240	16,740	20,636	44,337	83,151	38,814	(1)
	1919	241	28,391	39,778	82,024	173,752	91,728	100,996
Horseshoes ² .	1925	9	193	275	406	1,408	912	1,042
	1923	10	255	332	737	1,814	1,077	1,341
	1921	12	207	314	956	1,932	977	(1)
	1919	20	744	830	1,537	3,367	1,830	3,874
Iron and steel, processed. ³	1925	26	306	557	643	2,114	1,471	1,870
	1923	265	1,376	2,406	2,925	9,112	6,187	6,209
	1921	320	1,210	1,922	1,900	6,202	4,302	(1)
	1919	520	1,835	2,743	3,576	10,996	7,420	8,705
Nails, spikes, etc. ²	1925	58	2,227	2,610	5,646	12,318	6,072	8,102
	1923	61	2,849	3,285	7,005	13,300	6,295	10,275
	1921	56	2,412	2,576	5,670	10,978	5,306	(1)
	1919	65	3,355	3,308	8,878	17,583	8,708	8,071
Springs, steel! Railway, vehicle, heavy machine, etc. ²	1925	98	5,897	8,989	23,609	44,469	20,860	22,492
	1923	114	8,634	12,782	31,748	59,392	27,644	25,393
	1921	126	5,358	6,770	16,007	31,750	15,743	(1)
	1919	112	8,981	11,168	28,019	51,479	23,460	18,560
Steel barrels, kegs, and drums. ²	1925	.83	2,021	2,914	12,743	19,928	7,185	7,739
	1923	.89	2,668	3,368	14,818	23,249	8,481	7,907
	1921	.81	2,013	2,328	0,267	14,525	5,258	(1)
	1919	.83	3,322	4,435	15,151	24,943	9,792	10,554

See footnotes at end of table

SUMMARY FOR GROUP 3, IRON AND STEEL AND THEIR PRODUCTS, NOT INCLUDING MACHINERY: 1919 to 1925—Continued

[See note at head of this summary, p. 417]

INDUSTRY	Cen-	Num-	Wage	Cost of	Value of	Value	Horse-		
	year	estab-	(average)						Expressed in thousands of dollars
Other iron and steel products—Continued.									
Iron and steel products, not made in steel works, or rolling mills.—Contd.									
Structural and ornamental ironwork, not made in rolling mills. ²	1925	1,180	48,341	77,411	237,653	420,008	183,345	211,732	
	1923	1,056	51,501	80,833	226,487	406,117	180,630	205,618	
	1921	1,021	32,897	47,466	161,011	250,086	90,075	(1)	
	1919	1,146	43,002	59,020	168,800	294,902	126,102	165,170	
Wrought pipe, not made in rolling mills. ²	1925	42	10,871	17,157	59,142	94,695	35,553	41,306	
	1923	63	10,038	17,706	57,966	90,823	32,857	40,912	
	1921	57	8,728	11,234	37,093	56,382	19,566	(1)	
	1919	50	10,426	14,020	51,150	81,560	30,713	23,925	
Firearms	1925	20	4,470	5,584	3,174	15,170	12,005	14,580	
	1923	21	6,204	7,503	3,644	17,465	14,021	15,639	
	1921	20	4,728	6,781	2,600	12,884	10,188	(1)	
	1919	26	11,287	13,333	7,614	30,181	22,567	26,167	
Galvanizing and other coating, "not done" in rolling mills.	1925	54	804	1,128	2,892	5,033	3,041	1,881	
	1923	51	877	1,184	3,803	6,327	2,904	1,850	
	1921	51	985	844	2,161	4,018	1,857	(1)	
	1919	52	1,006	2,248	10,532	14,470	3,944	1,671	
Hardware, not elsewhere classified.	1925	470	52,340	65,502	77,503	225,063	147,550	98,278	
	1923	473	52,205	63,471	80,598	215,900	135,382	84,003	
	1921	456	35,228	39,240	41,520	120,600	70,080	(1)	
	1919	46,180	49,274	62,816	108,602	105,816	74,240		
Pens, steel and brass	1925	5	487	408	265	1,440	1,181	273	
	1923	5	476	416	177	1,171	994	230	
	1921	4	372	308	173	846	673	(1)	
	1919	4	807	670	398	1,079	1,281	305	
Plumbers' supplies, not including pipe or marble, slate, and porcelain sanitary ware.	1925	230	83,280	40,054	63,610	167,575	104,208	84,584	
	1923	234	27,201	38,047	51,460	132,665	81,106	69,073	
	1921	220	10,070	20,397	25,760	69,110	43,350	(1)	
	1919	214	18,592	15,063	27,797	60,055	32,268	24,605	
Safes and vaults	1925	35	3,866	5,398	8,260	23,044	14,778	12,051	
	1923	31	3,476	4,094	7,086	10,101	12,015	7,390	
	1921	34	3,547	4,703	7,440	19,726	12,286	(1)	
	1919	38	2,940	3,233	6,600	15,204	8,685	5,842	
Screw-machine products	1925	193	8,987	12,669	18,788	43,770	24,001	30,614	
	1923	180	9,126	11,919	15,796	39,230	23,443	28,954	
	1921	160	5,911	6,548	7,577	18,365	10,788	(1)	
	1919	143	10,262	12,105	14,984	40,015	25,031	23,517	
Screws, wood	1925	12	5,084	5,525	6,288	15,830	9,548	11,970	
	1923	10	4,108	5,024	5,750	13,707	7,938	8,560	
	1921	8	2,742	2,707	2,462	7,419	4,057	(1)	
	1919	11	4,880	4,865	5,552	15,460	9,908	7,764	
Steam fittings and steam and hot-water heating apparatus	1925	225	43,260	63,070	77,357	228,930	151,573	109,313	
	1923	244	44,141	64,807	83,297	221,964	138,657	91,085	
	1921	274	30,808	30,600	50,213	127,307	77,154	(1)	
	1919	261	36,686	45,743	72,016	160,285	88,260	67,401	
Stoves (other than gas, oil, or electric) and warm-air furnaces	1925	323	20,876	41,403	47,249	140,805	93,656	69,645	
	1923	345	33,029	45,864	63,397	155,801	102,404	65,366	
	1921	357	24,536	29,828	41,000	101,573	60,573	(1)	
	1919	412	32,868	41,321	54,803	145,718	90,915	49,408	
Stoves and appliances, gas and oil. ⁴	1925	241	17,138	24,800	48,624	123,488	74,874	30,681	
	1923	243	10,783	22,467	40,171	112,461	63,290	22,298	
	1921	165	7,921	9,480	21,218	42,713	21,405	(1)	
	1919	176	10,566	12,579	24,472	55,702	31,320	11,260	
Tin cans and other tinware, not elsewhere classified	1925	221	29,001	34,302	175,770	260,360	84,581	48,728	
	1923	241	30,511	32,816	135,980	215,971	79,991	41,252	
	1921	244	22,711	24,595	108,748	188,305	59,557	(1)	
	1919	301	34,386	34,403	165,171	233,964	68,793	30,234	

See footnotes at end of table

SUMMARY FOR GROUP 3, IRON AND STEEL AND THEIR PRODUCTS, NOT INCLUDING MACHINERY: 1919 TO 1925—Continued

[See note at head of this summary, p. 417]

INDUSTRY	Cen-	Num-	Wage	Wages	Cost of	Value of	Value	Horse-
year	estab-	ber of	earners	(average	ma-	prod-	added by	
Expressed in thousands of dollars								
Other iron and steel products—Continued.								
Tools and cutlery:								
Cutlery (not including silver and plated cutlery) and edge tools.	1925	211	16,407	20,220	20,562	80,263	59,701	51,873
	1923	211	16,071	19,751	17,100	72,477	55,317	43,171
	1921	210	14,345	14,750	14,074	49,341	34,367	(1)
	1919	304	10,850	20,048	19,478	66,630	47,152	38,555
Files	1925	38	4,200	5,303	3,518	13,541	10,023	11,584
	1923	37	4,500	5,805	3,840	13,566	9,720	11,155
	1921	39	3,595	3,175	2,309	7,047	5,338	(1)
	1919	50	5,767	6,192	4,228	17,017	13,389	11,807
Saws	1925	71	4,710	5,873	8,224	25,781	18,557	14,287
	1923	80	5,420	6,730	9,740	30,737	21,047	18,208
	1921	70	3,788	4,087	6,480	18,185	11,705	(1)
	1919	112	5,510	6,281	11,792	31,461	19,060	15,046
Other tools, not including machine tools.	1925	663	25,340	34,294	39,023	121,203	82,240	78,680
	1923	700	20,100	37,169	43,200	123,158	70,052	75,248
	1921	714	19,453	22,044	25,550	70,524	44,974	(1)
	1919	1,125	36,885	48,830	45,707	144,202	98,405	87,780
Vault, sidewalk, and floor lights, coal-hole covers, and ventilating equipment. ^b	1923	24	206	446	1,213	2,901	1,778	254
	1921	25	245	366	1,170	2,150	980	(1)
	1919	41	316	424	811	2,156	1,345	269
Wire, drawn from purchased bars or rods.	1925	68	18,544	26,928	127,251	184,463	67,212	138,115
	1923	64	21,310	28,862	133,883	198,364	62,481	123,923
	1921	61	14,832	17,810	62,705	98,046	37,241	(1)
	1919	60	10,741	20,200	102,813	102,151	59,338	119,301
Wirework, not elsewhere classified.	1925	462	10,268	23,835	50,004	115,429	56,826	35,943
	1923	443	10,783	19,340	52,280	100,248	47,968	31,617
	1921	413	11,485	13,314	37,039	66,355	29,346	(1)
	1919	558	10,224	15,500	50,754	90,549	39,795	20,086

* Revised.

^a Not called for on schedule.

^b Similar products are manufactured to a large extent by steel works and rolling mills. The figures here given refer only to establishments engaged primarily in the manufacture of the specified classes of products.

^c The figures for 1925 are not comparable with those for prior censuses, because establishments engaged in welding (jobs or repair), previously canvassed, were omitted for 1925.

^d Because of a change in classification, the statistics for 1921 and prior years are not strictly comparable with those for 1923 and 1925.

^e Classified in other industries for 1925.

CAST-IRON PIPE

[A preliminary report for this industry was issued under date of January 22, 1927]

Description of the industry.—This industry embraces all establishments engaged primarily in the manufacture of cast-iron pipe and fittings. It has little relation to the manufacture of wrought-iron and steel pipe.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

[Data for establishments with products under \$5,000 in value included for 1919 and 1914 but not for subsequent years. See sec. 10, p. 5]

YEAR OR PERIOD	Number of establishments	Wage earners (average number)	Wages	Paid for contract work	Cost of materials ¹	Value of products	Value added by manufacture ²	Horse-power
1925	77	23,088	\$27,438,033	\$21,900	\$48,846,502	\$100,387,885	\$51,541,203	54,820
1923	73	21,970	25,019,953	7,403	43,894,425	92,674,088	43,869,063	47,239
1921	70	12,496	18,135,902	2,400	23,897,020	44,321,548	20,424,628	(6)
1919	59	12,026	14,705,398	37,705	25,385,552	50,235,101	21,848,649	28,741
1914	69	12,557	7,076,976	2,672	10,930,141	26,659,365	9,729,224	26,804
PER CENT OF INCREASE								
1923-1925	(1)	6.8	9.7	107.1	0.1	8.3	17.5	16.0
1921-1923	(2)	72.7	90.5	208.5	104.2	109.1	114.8	-----
1921-1925	(3)	84.3	108.0	516.5	104.4	120.5	152.3	-----
1914-1925	(4)	83.4	287.8	723.2	188.5	276.6	429.8	112.0

¹ Including also cost of fuel and electric power.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

¹ Not called for on schedule.

¹ Not computed where base is less than 100.

TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925

[One of the States for which no figures are given in this table reported a larger number of wage earners than one of those for which statistics are shown. See headnote, Table 5, p. 423]

STATE	Average number employed during year	NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY					
		January	February	March	April	May	June
United States:							
1925	23,033	23,139	23,362	23,809	23,242	23,117	23,230
1923	21,576	20,160	20,497	21,297	21,549	21,766	22,295
1921	12,496	10,183	11,393	11,803	12,581	12,598	12,341
1919	12,025	10,615	9,024	9,783	10,529	11,268	11,482
Alabama	11,021	11,030	11,004	11,001	11,577	11,436	11,648
New Jersey	3,024	3,063	3,715	3,700	3,696	3,708	3,709
New York	250	305	304	297	292	287	281
Ohio	1,693	1,650	1,644	1,640	1,623	1,627	1,649
Pennsylvania	2,426	2,322	2,404	2,451	2,451	2,480	2,454
Tennessee	1,549	1,520	1,574	1,602	1,607	1,544	1,519
Virginia	1,100	1,128	1,181	1,068	1,064	1,062	1,122
NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY							
STATE		July	August	September	October	November	December
United States:							
1925	22,831	22,849	22,885	22,710	22,576	22,835	
1923	22,580	21,230	21,430	22,070	21,736	22,359	
1921	12,199	12,513	13,004	13,718	13,988	13,688	
1919	15,006	13,781	14,026	15,478	15,454	15,585	
Alabama	11,379	11,511	11,702	11,703	11,029	11,742	
New Jersey	3,050	3,571	3,405	3,474	3,500	3,571	
New York	285	282	223	180	185	185	
Ohio	1,624	1,621	1,594	1,560	1,553	1,560	
Pennsylvania	2,426	2,422	2,423	2,432	2,385	2,465	
Tennessee	1,518	1,594	1,647	1,529	1,507	1,544	
Virginia	1,117	1,071	1,110	1,124	1,112	1,091	

¹ Month of maximum employment indicated by bold-faced figures and that of minimum employment by italic figures. Per cent which minimum forms of maximum: 1925, 95.6; 1923, 89.3; 1921, 72.8; 1919, 62.6.

TABLE 3.—PRIME MOVERS, GENERATORS, AND MOTORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1925, 1923, AND 1919

[No data in regard to prime movers were collected for 1921]

TYPE	1925		1923		1919	
	Number	Horse-power	Number	Horse-power	Number	Horse-power
Prime movers, total	2,654	54,820	2,205	47,230	1,040	28,741
Steam engines	42	6,581	57	10,105	86	10,547
Steam turbines	5	2,230	5	1,500	4	760
Internal-combustion engines	8	1,768	1	200	1	4
Water wheels and turbines	1	200	1	200	1	200
Electric motors driven by purchased current	2,508	44,041	2,142	35,434	948	17,240
Electric motors, total	3,928	60,881	3,412	54,330	2,106	35,493
Driven by purchased current	2,598	44,041	2,142	35,434	948	17,240
Driven by current generated in establishment reporting	1,330	16,840	1,270	18,896	1,158	18,253
Electric generators	39	Kilo-watts 6,712	(1)	Kilo-watts (1)	(1)	Kilo-watts (1)

¹ Not called for on schedule.

TABLE 4.—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, FOR PRINCIPAL STATES:
1925, 1923, AND 1921

CLASS	1925		1923		1921	
	Short tons	Value	Short tons	Value	Short tons	Value
Total		\$162,472,025		\$1,934,868,592		\$44,625,228
Cast-iron-pipe industry, all products	100,387,585		92,674,088		44,321,548	
Cast-iron pipe and fittings	94,771,530		87,040,093		40,196,071	
All other products, including castings, other than pipe and fittings	6,616,355		4,724,995		4,124,677	
Cast-iron pipe, secondary products of other industries	2,084,140		2,104,501		203,680	
Cast-iron pipe and fittings, total	1,959,952	98,855,670	11,609,322	1,00,143,607	771,168	140,400,661
Gas and water pipe and fittings, total	1,445,161	71,088,852	1,140,072	63,915,878	656,672	28,540,790
Alabama	677,914	32,000,076	504,224	26,304,575	197,787	10,830,878
New Jersey	226,928	11,768,822	183,107	10,335,023	124,000	6,230,118
Virginia	112,575	5,196,028	81,318	4,840,951	(*)	(*)
Other States	427,744	21,817,020	371,333	22,863,320	233,970	11,010,803
Bell and spigot pipe	1,300,525	58,892,864	1,025,130	50,121,361	403,100	21,443,031
Alabama	504,152	25,842,728	450,922	20,687,084	169,624	7,188,012
New Jersey	211,037	10,000,573	105,608	8,328,640	117,025	5,184,399
Virginia	105,825	4,488,072	76,170	3,726,730		
Other States	398,711	18,521,493	332,430	17,378,901	208,451	9,071,300
Flanged pipe	45,809	2,544,824	15,185	1,001,824	19,020	1,581,663
Alabama	22,494	1,044,302	4,084	252,138	5,349	457,370
Other States	23,205	1,500,522	11,104	749,086	14,277	1,124,203
Culvert pipe	9,303	563,090	7,487	393,020	4,651	180,900
Fittings	89,674	9,753,065	92,267	12,308,704	30,205	5,325,102
Alabama	62,539	5,482,940	42,731	5,088,424	19,544	2,550,666
New Jersey	16,257	1,741,240	17,580	2,009,333	7,069	1,091,491
Virginia	6,050	737,056	5,148	623,215	(*)	(*)
Other States	14,828	1,705,011	26,700	4,682,742	12,142	1,083,005
Soil and plumbers' pipe and fittings	514,791	25,160,818	426,360	24,083,215	210,608	11,656,175
Alabama	260,273	11,667,723	256,288	13,572,620	97,783	4,523,857
New Jersey	53,670	3,055,115	49,294	3,179,404	34,474	2,049,065
New York	19,204	933,198	13,820	995,290	12,320	851,268
Pennsylvania	64,925	3,257,003	30,209	2,124,433	17,603	1,444,349
Tennessee	63,356	3,148,756	(*)	(*)	(*)	(*)
Other States	54,207	3,094,518	60,650	4,161,502	43,449	2,487,630
Castings, other than pipe and fittings	82,081	2,890,903	23,063	2,810,167	24,382	2,833,470
All other products, value		2,726,452		1,914,828		1,291,107

¹ Includes 43,890 tons (estimated), valued at \$2,194,504, not distributed by classes and States.

² Includes 3,888 tons (estimated), valued at \$203,030, not distributed by classes and States.

³ Included in "Other States" in order to avoid disclosing operations of individual establishments.

TABLE 5.—GENERAL STATISTICS, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. One of the "All other States," however, reported a larger value of products than one of the States shown separately]

STATE	Number of establish- ments	PERSONS ENGAGED IN THE INDUSTRY				Horse- power
		Total	Propri- tors and firm mem- bers	Salaried officers and em- ployees	Wage earners (average number)	
United States.....	77	24,230	3	1,203	23,038	54,820
Alabama.....	35	12,255	—	634	11,621	27,003
New Jersey.....	9	3,873	2	247	3,624	5,818
New York.....	4	278	—	19	250	613
Ohio.....	5	1,005	—	72	1,593	8,170
Pennsylvania.....	8	2,605	—	79	2,426	—
Tennessee.....	5	1,583	—	34	1,549	1,014
Virginia.....	3	1,157	—	57	1,100	2,415
All other States.....	8	923	1	61	861	1,508

STATE	Salaries	Wages	Paid for contract work	Cost of materials	Value of products	Value added by manufac- ture ²
United States.....	\$2,876,609	\$27,488,033	\$21,096	\$48,846,592	\$100,887,885	\$51,541,203
Alabama.....	1,476,271	12,404,887	9,601	22,880,152	46,184,691	23,304,539
New Jersey.....	650,556	5,246,058	—	8,230,768	17,021,440	8,790,632
New York.....	33,305	341,165	—	300,208	854,020	484,821
Ohio.....	201,764	2,127,540	—	4,016,198	0,240,957	5,224,759
Pennsylvania.....	184,506	3,401,996	—	5,720,892	11,802,243	6,081,351
Tennessee.....	86,836	1,017,980	—	3,065,402	6,518,231	3,482,829
Virginia.....	219,077	1,211,506	—	3,224,981	5,785,585	2,500,604
All other States.....	124,364	1,026,801	12,335	1,339,001	2,080,709	1,641,708

¹ Not including 248 salaried officers and employees of central administrative offices, with salaries aggregating \$700,049. For purposes of comparison with the statistics published for earlier years, these figures should be added to those given in the table, making combined totals of 1,451 salaried officers and employees and \$3,676,715. (See "Central-administrative-office employees," p. 1193.)

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

* See Table 4.

California, 2 establishments; Indiana, 1; Maryland, 1; Missouri, 1; North Carolina, 1; Oklahoma, 1; Oregon, 1.

FIREARMS

[A preliminary report for this industry was issued under date of September 10, 1926]

Description of the industry.—The firearms industry, according to the census classification, consists in the manufacture of unmounted firearms—that is, firearms which are fired from the hand or shoulder—together with their parts and accessories, bayonets, and scabbards. Commercial manufacturers only are classified in the firearms industry, no data having been collected from governmental establishments.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

[Data for establishments with products under \$5,000 in value included for 1919 and 1914 but not for subsequent years. See sec. 10, p. 5]

YEAR OR PERIOD	Num- ber of estab- lish- ments	Wage earners (average number)	Wages	Paid for contract work	Cost of materials ¹	Value of products	Value added by manufac- ture ²	Horse- power
1925	20	4,470	\$5,583,007	\$0,440	\$3,174,446	\$15,179,363	\$12,004,917	14,680
1923	21	6,204	7,592,695	-----	3,643,914	17,064,549	14,020,636	15,639
1921	20	4,720	5,730,487	13,060	2,006,085	12,883,842	10,187,757	(3)
1919	26	11,287	13,333,495	-----	7,013,784	30,181,370	22,567,586	20,107
1914	20	7,064	5,067,063	-----	2,060,018	10,543,753	7,874,155	7,374
PER CENT OF INCREASE OR DECREASE (—)								
1923-1925	(3)	-27.9	-20.5	-----	-12.9	-14.1	-14.4	-6.8
1921-1923	(3)	81.3	32.5	-----	36.2	37.1	37.6	-----
1921-1925	(3)	-5.4	-2.6	-27.7	17.7	17.8	17.8	-----
1914-1925	(3)	-86.7	10.2	-----	18.9	44.0	52.5	97.7

¹ Including also cost of fuel, electric power, and containers.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

³ Not called for on schedule.

⁴ This figure differs slightly from the corresponding one published in the report for 1914 because of the exclusion here and the inclusion in the previous report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

⁵ Not computed where base is less than 100.

TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925

STATE	Average number employed during year	NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY					
		January	February	March	April	May	June
United States:							
1925 ¹	4,470	4,651	4,709	4,761	4,742	4,606	4,505
1923 ¹	6,204	5,816	5,977	6,138	6,393	6,393	6,425
1921 ¹	4,720	4,933	5,321	5,981	5,287	5,131	4,852
1919 ¹	11,287	13,428	12,369	11,606	11,022	10,885	10,545
Connecticut	2,131	1,968	2,084	2,133	2,200	2,169	2,200
Massachusetts	1,287	1,470	1,537	1,544	1,435	1,423	1,330
New York	890	1,152	1,034	1,029	1,003	963	920

See footnote at end of table

TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925—Continued

STATE	NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY					
	July	August	September	October	November	December
United States:						
1925 ¹	4,445	4,911	4,107	4,184	4,223	4,091
1928 ¹	8,559	6,844	6,135	6,008	6,089	6,132
1921 ¹	4,600	4,240	4,258	4,361	4,172	4,127
1910 ¹	10,194	10,038	10,920	11,284	11,261	11,251
Connecticut	2,197	2,157	2,190	2,118	2,067	2,001
Massachusetts	1,810	878	920	1,003	1,063	1,471
New York	895	921	941	1,010	1,040	1,076

¹ Month of maximum employment indicated by bold-faced figures and that of minimum employment by *italic* figures. Per cent which minimum forms of maximum: 1925, 84.2; 1923, 88.7; 1921, 77; 1910, 75.9.

TABLE 3.—PRIME MOVERS, GENERATORS, AND MOTORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1925, 1923, AND 1919

[No data in regard to prime movers were collected for 1921]

TYPE	1925		1923		1919	
	Number	Horse-power	Number	Horse-power	Number	Horse-power
Prime movers, total	572	14,580	881	15,030	860	26,167
Steam engines	18	1,841	19	4,008	{ 6	846
Steam turbines	9	2,789			6	13,360
Internal-combustion engines	2	682	2	582		
Water wheels and turbines	3	366	3	265	2	158
Electric motors driven by purchased current	540	9,003	857	10,804	846	11,813
Electric motors, total	1,308	11,809	1,117	18,603	1,394	20,843
Driven by purchased current	540	9,003	857	10,804	846	11,813
Driven by current generated in establishment reporting	868	2,800 Kilo-watts	260	2,880 Kilo-watts	548	9,030 Kilo-watts
Electric generators	3	1,941 (1)	(1)	(1)	(1)	(1)

¹ Not called for on schedule.

TABLE 4.—PRODUCTS, BY CLASS, NUMBER, AND VALUE, FOR THE UNITED STATES: 1925, 1923, AND 1921

CLASS	1925	1923	1921
Total value.....	\$15,362,701	\$17,883,026	\$14,059,616
Firearms industry, all products.....	15,170,363	17,604,549	12,883,842
Firearms and accessories.....	13,330,710	15,822,150	11,961,589
All other products, including custom work and repairing.....	1,842,644	1,842,399	922,303
Firearms, secondary products of other industries.....	183,338	219,077	1,776,774
Firearms, total, all industries.....	\$18,035,273	\$15,455,077	\$18,085,753
Pistols and revolvers—			
Number.....	282,777	284,322	460,700
Value.....	\$3,261,861	\$3,024,800	\$0,204,429
Rifles—			
Number.....	323,100	380,397	127,481
Value.....	\$3,056,000	\$3,708,874	\$1,288,608
Shotguns—			
Number.....	422,982	484,917	203,792
Value.....	\$0,717,343	\$8,122,243	\$5,594,821
Accessories, value.....	\$484,784	\$585,250	\$1,051,500
Custom work and repairing.....	\$633,418	\$496,049	
All other products.....	\$1,200,226	\$1,346,350	\$922,803

¹ Includes value of a small number of combination shotguns and rifles, carbines, shoulder and dart whale guns, and special guns for target practice.

TABLE 5.—GENERAL STATISTICS, BY STATES: 1925

(This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments)

STATE	Number of establish-ments	PERSONS ENGAGED IN THE INDUSTRY				
		Total	Propri- tors and firm mem- bers	Salaried officers and em- ployees	Wage earners (average number)	Horse- power
United States.....	20	5,126	5	651	4,470	14,580
Connecticut.....	8	2,418	4	283	2,131	6,890
Massachusetts.....	5	1,408	—	181	1,287	3,095
New York.....	4	1,175	—	176	999	4,481
All other States ¹	3	65	1	11	53	108

STATE	Salaries	Wages	Paid for con- tract work	Cost of materials	Value of products	Value added by manufac- ture ²
United States.....	\$1,453,180	\$5,683,907	\$0,440	\$3,174,440	\$15,179,363	\$12,004,917
Connecticut.....	594,203	2,087,984	—	1,488,134	7,218,487	5,735,853
Massachusetts.....	473,166	1,014,000	0,440	744,546	4,056,044	3,811,498
New York.....	350,018	1,200,123	—	848,027	3,650,032	2,802,005
All other States ¹	35,193	95,800	—	98,789	254,800	156,001

¹ Michigan, 1 establishment; Oklahoma, 1; Pennsylvania, 1.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

³ See first 5 lines, Table 4.

IRON AND STEEL

Relationship of the industries.—A large part of the pig iron produced by blast furnaces is delivered, mostly in a molten state, to the steel departments of the same establishments, but for census purposes the blast-furnace departments are treated as separate units. A transfer value is assigned to the pig iron thus delivered, and this transfer value is included in the value of products for the blast furnaces and in the cost of materials for the steel works.

Duplication in combined cost of materials and value of products.—The combined cost of materials and value of products for the two industries include a large amount of duplication resulting from the use of the products of blast furnaces as materials by steel works. In other words, if these industries were treated as one, and if each establishment produced both pig iron and steel, the net cost of materials and value of products would be materially less than the combined totals for the respective items as they appear in the table below.

SUMMARY FOR THE UNITED STATES—BLAST FURNACES AND STEEL WORKS AND ROLLING MILLS COMBINED: 1914 TO 1925

For summary statistics for the two industries separately, see Table 1, p. 429, and Table 1, p. 441]

YEAR OR PERIOD	Number of establishments	Wage earners (average number)	Wages	Paid for contract work	Cost of materials ¹	Value of products	Value added by manufacture ²	Horse-power
1925-----	595	399,914	\$600,297,150	\$2,379,570	\$2,429,378,098	\$3,711,354,460	\$1,281,970,362	6,143,927
1923-----	658	424,913	696,760,521	928,760	2,872,027,903	4,161,938,011	1,289,010,108	5,000,041
1921-----	628	264,213	354,355,924	1,153,002	1,366,174,070	1,901,430,500	655,255,620	(1)
1919-----	606	416,748	711,406,825	3,655,703	2,301,862,284	3,023,368,934	1,321,506,680	5,309,574
1914-----	587	278,072	210,923,024	516,190	855,405,752	1,230,318,548	380,912,706	3,025,880

PER CENT OF INCREASE OR DECREASE (-)								
1923-1925-----	-9.6	-5.9	-5.2	156.2	-15.4	-10.8	-0.6	2.4
1921-1923-----	4.8	07.1	96.6	-19.6	110.2	118.9	141.0	-----
1921-1925-----	-5.3	57.3	86.3	106.4	77.8	95.2	139.6	-----
1914-1925-----	1.4	43.8	213.1	361.0	184.0	200.2	230.6	56.5

¹ Including also cost of fuel, mill supplies, and electric power.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

³ Figures not strictly comparable with those for preceding years. (See footnote 3, Table 1, p. 429.)

⁴ Not called for on schedule.

⁵ These figures differ slightly from the corresponding ones published in the reports for 1919 and 1914 because of the exclusion here and the inclusion in the previous reports of data for purchased power other than electric.

BLAST FURNACES

[A preliminary report for this industry was issued under date of February 9, 1927]

Description of the industry.—This classification covers the manufacture, from the ore, of pig iron, ferro-alloys—spiegeleisen, ferromanganese, ferrophosphorus, ferrosilicon, etc.—and castings made direct from the furnace. (The manufacture of electric ferro-alloys is included in the "Chemicals" industry.) In many cases a single establishment operates both blast furnaces and steel works, but, as already explained ("Relationship of the industries," p. 427), the statistics for such establishments have been segregated so as to show the blast-furnace business separately.

Ferro-alloys.—At the census for 1914 the classification was the same as at those for 1921, 1923, and 1925, but for 1919 the manufacture of ferro-alloys (blast-furnace and electric) was treated as a separate industry, and for this reason the statistics for 1919 are not strictly comparable with those for other years. In the statement following are given, for 1919, combined general statistics for the blast-furnace industry and the blast-furnace branch of the ferro-alloy industry as then classified. These figures are comparable with those shown in Table 1 for 1925, 1923, 1921, and 1914. The total production of ferro-alloys, by kind, manufactured in blast furnaces and electric furnaces, is shown for 1925 in Table 18, p. 439.

Blast furnaces, including those classified in the ferro-alloy industry—General statistics: 1919

Number of establishments.....	209	Paid for contract work.....	\$692,293
Persons engaged.....	48,784	Cost of materials (including fuel and mill supplies).....	\$644,021,264
Proprietors and firm members.....	43	Value of products.....	\$824,389,263
Salaried officers and employees.....	5,445	Value added by manufacture.....	\$180,361,939
Wage earners (average number).....	43,266	Horsepower.....	1,618,899
Capital.....	\$820,171,777	Coal consumed (short tons).....	2,389,551
Rent and taxes.....	\$21,501,400		
Salaries and wages.....	\$90,418,427		
Salaries.....	\$13,970,821		
Wages.....	\$76,445,616		

Charcoal furnaces (Tables 2 and 5).—The production of charcoal iron was at one time the most important branch of the industry, and in 1850 the amount of charcoal pig iron smelted was nearly equal to the production by all other fuels combined. Since that year, however, the relative importance of charcoal iron has decreased, until in 1921, 1923, and 1925 it contributed only a little more than one-half of 1 per cent of the total pig-iron output of blast furnaces.

Active and idle furnaces (Tables 10, 11, and 12).—As explained in the headnotes to Tables 10 and 11, the statistics as to number and capacity of blast furnaces refer to all furnaces, including idle ones, operated by establishments which operated any of their furnaces during any part of the year. To illustrate: An establishment might own 5 furnaces, of which 3 might have been idle during the entire year and the other 2 might have been operated during only a part of the year. Such an establishment would be classified as active, and the data relating to it would cover all 5 of its furnaces. If all furnaces owned by an establishment were idle during the entire year, however, no data were collected for them. Thus the numbers of furnaces shown by Tables 10 and 11 for the several census years are somewhat smaller than the total numbers of furnaces in existence in those years, but are larger than the numbers actually in operation.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

YEAR OR PERIOD	Number of establishments	Wage earners (average number)	Wages	Paid for contract work	Cost of materials ¹	Value of products	Value added by manufacture ²	Horse-power
1925	122	20,188	\$45,312,168	\$3,891	\$617,416,880	\$765,286,229	\$147,860,349	1,380,394
1923	160	36,712	58,035,384	518,492	\$27,629,665	1,007,613,340	170,983,075	1,686,419
1921	134	18,608	29,869,655	647,740	361,049,516	419,771,244	58,721,728	(*)
1919	105	41,680	73,769,305	692,293	621,280,496	794,466,558	173,180,062	1,681,407
1914	160	29,356	22,780,620	265,108	264,580,060	317,653,983	63,078,923	1,222,278

PER CENT OF INCREASE OR DECREASE (-)								
1923-1925	-27.8	-20.5	-23.1	-99.2	-25.4	-24.0	-17.8	-18.1
1921-1923	26.1	96.3	100.7	-5.3	129.2	140.0	206.5	-----
1921-1925	-0.0	56.1	54.3	-99.3	71.0	82.3	151.8	-----
1914-1925	-23.7	-.6	98.9	-98.5	133.4	140.9	178.6	12.0

¹ Including also cost of fuel, mill supplies, and electric power.² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

The statistics for wage earners and wages for 1925 are not strictly comparable with those for preceding census years for the reason that some of the blast-furnace operators did not include in their reports for 1925 data for wage earners engaged in relining blast furnaces, but did include them in reports for preceding census years.

³ Not called for on schedule.

⁴ This item differs slightly from the corresponding one published in the report for 1919 because of the exclusion here and the inclusion in the previous report of data for purchased power other than electric. (See footnote 2, Table 4, p. 431.)

TABLE 2.—SUMMARY FOR ESTABLISHMENTS PRODUCING CHARCOAL IRON, FOR THE UNITED STATES: 1914 TO 1925

YEAR OR PERIOD	Number of establishments	Wage earners (average number)	Wages	Cost of materials ¹	Value of products	Value added by manufacture ²	Horse-power
1925	8	413	\$450,083	\$4,286,674	\$5,210,030	\$923,366	5,089
1923	14	657	758,423	6,627,306	7,735,427	1,111,121	7,007
1921	15	457	418,748	2,963,167	3,052,998	89,841	(*)
1919	19	1,440	1,797,007	9,152,805	11,587,006	2,434,261	9,458
1914	25	1,470	949,314	3,715,978	5,237,008	1,521,030	16,852

PER CENT OF INCREASE OR DECREASE (-)							
1923-1925	(8)	-37.1	-39.5	-35.3	-32.7	-16.9	-27.4
1921-1923	(8)	43.8	81.1	128.7	153.5	(*)	-----
1921-1925	(8)	-9.0	9.6	44.7	70.7	927.8	-----
1914-1925	(8)	-71.9	-51.6	15.4	-.5	-39.3	-67.9

¹ Including also cost of fuel, mill supplies, and electric power.² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)³ Not called for on schedule.⁴ Includes 1 electric charcoal furnace.⁵ Not shown where base is less than 100, or where percentage is higher than 1,000.

TABLE 3.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925

[Maryland, for which no figures are given in this table, reported larger numbers of wage earners than some of the States for which statistics are shown. See headnote, Table 14, p. 430.]

STATE	Average number employed during year	NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY					
		January	February	March	April	May	June
United States:							
1925 ¹	29,158	31,932	32,421	32,094	30,906	29,051	27,303
1923	36,712	37,277	33,599	34,827	36,250	38,514	39,767
1921	18,048	30,818	25,812	22,110	17,803	16,732	16,560
1919	41,680	51,467	47,415	44,830	40,390	37,930	37,533
Alabama	4,881	5,026	5,078	5,150	5,000	4,725	4,035
Illinois	2,470	2,483	2,784	2,788	2,623	2,546	2,366
Indiana	1,002	1,595	1,638	1,641	1,644	1,703	1,670
Michigan	990	933	937	940	927	907	1,003
New York	1,588	1,841	1,850	1,672	1,586	1,280	1,279
Ohio	7,160	7,849	7,770	7,408	7,117	7,175	7,050
Pennsylvania	7,904	9,687	9,788	9,712	9,050	7,906	8,777
Tennessee	880	360	351	360	377	358	300
Virginia	420	381	398	424	520	473	396
West Virginia	888	360	377	376	404	362	370
NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY							
STATE		July	August	Septem- ber	October	Novem- ber	Decem- ber
United States:							
1925	27,236	26,844	27,117	27,020	28,443	28,081	
1923	30,330	38,083	38,475	36,910	36,350	36,047	
1921	13,973	18,613	14,702	16,212	17,457	18,188	
1919	40,412	42,394	42,897	38,688	39,022	41,075	
Alabama	4,786	4,886	4,734	4,463	4,787	4,097	
Illinois	2,340	2,315	2,340	2,397	2,870	2,312	
Indiana	1,688	1,470	1,511	1,652	1,636	1,507	
Michigan	990	905	900	962	930	991	
New York	1,490	1,439	1,455	1,548	1,527	1,528	
Ohio	7,015	6,977	6,785	6,916	6,889	6,830	
Pennsylvania	6,514	6,374	6,775	7,318	7,408	8,161	
Tennessee	314	293	381	484	484	497	
Virginia	397	410	414	464	437	444	
West Virginia	373	426	409	462	390	250	

¹ Month of maximum employment indicated by bold-faced figures and that of minimum employment by italic figures. Per cent which minimum forms of maximum: 1925, 82.8; 1923, 79.0; 1921, 46.1; 1919, 66.3.

TABLE 4.—PRIME MOVERS, GENERATORS, AND MOTORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1925, 1923, AND 1919

[No data in regard to prime movers were collected for 1921]

TYPE	1925		1923		1919	
	Number	Horse-power	Number	Horse-power	Number	Horse-power
Prime movers, total.....	2,162	1,380,304	1,770	1,680,419	3,451	¹ 1,581,407
Steam engines.....	1,106	762,252	2,113	1,396,278	2,057	907,501
Steam turbines.....	264	377,481			243	252,316
Internal-combustion engines.....	130	216,642	1,204	1,268,747	137	283,015
Water wheels and turbines.....			8	1,570	10	371
Electric motors driven by purchased current.....	563	24,019	454	19,824	1,004	48,204
Electric motors, total.....	8,980	385,747	8,621	371,134	7,450	242,554
Driven by purchased current.....	563	24,019	454	19,824	1,004	48,204
Driven by current generated in establishment reporting.....	8,417	361,728	8,167	351,310	6,446	194,360
Electric generators.....	253	Kilowatts 260,105	(3)	Kilowatts (3)	(3)	Kilowatts (3)

¹ The differences between these items and the corresponding ones given in the report for 1923 are due to revisions in data reported by certain manufacturers.

This total differs from that given in the report for 1919 because of the exclusion here and the inclusion in the 1919 report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

* Not called for on schedule.

TABLE 5.—PIG-IRON PRODUCTION, BY SMELTING FUELS, FOR THE UNITED STATES: 1919 TO 1925

[Includes data for blast-furnace ferro-alloys but not for electric-furnace ferro-alloys]

[Ton, 2,240 pounds]

	1925	1923	1921	1919
Total value.....	\$765,286,229	\$1,007,613,340	\$419,771,244	¹ \$801,062,345
Pig iron, total:				
Tons.....	36,405,562	40,162,855	16,018,493	¹ 30,543,167
Value.....	\$744,733,899	\$984,983,493	\$408,581,533	¹ \$756,950,412
Average per ton.....	\$20.41	\$24.82	\$24.59	\$25.73
Classified according to smelting fuel—				
Coke—				
Tons.....	36,205,000	39,794,318	16,494,176	30,097,220
Value.....	\$736,911,138	\$973,552,330	\$404,604,127	\$770,101,169
Average per ton.....	\$20.35	\$24.48	\$24.52	\$25.59
Bituminous coal and coke mixed—				
Tons.....	94,815	² 114,321	² 30,550	² 130,210
Value.....	\$2,673,845	² \$3,701,130	² \$1,026,852	² \$4,361,133
Average per ton.....	\$28.20	\$32.37	\$33.61	\$33.49
Charcoal—				
Tons.....	105,738	254,216	98,767	315,737
Value.....	\$5,148,921	\$7,730,027	\$3,050,554	\$11,408,110
Average per ton.....	\$26.31	\$30.40	\$32.53	\$30.42
All other products, value.....	³ \$20,552,330	\$22,620,847	\$11,180,711	\$15,101,933

¹ Excludes data for ferro-alloys, but includes data for 265,876 tons of other pig iron, valued at \$6,592,236, made by 6 establishments engaged primarily in the manufacture of ferro-alloys. (See "Ferro-alloys," p. 428.)

² Includes production by anthracite and coke mixed.

³ Comprises blast-furnace gas sold or utilized in other departments of same establishments and given an assigned value, \$17,004,317; slag, \$1,086,851; sintered flue dust, scrap, and income from custom work \$1,861,132.

TABLE 6.—PIG-IRON PRODUCTION FOR CONSUMPTION AND FOR SALE, FOR THE UNITED STATES: 1925, 1923, AND 1921

[Includes data for blast-furnace ferro-alloys but not for electric-furnace ferro-alloys]

	1925	1923	1921	PER CENT DISTRIBUTION			PER CENT OF INCREASE OR DECREASE (-)	
				1925	1923	1921	1923-1925	1921-1923
Number of establishments—	122	169	134	100.0	100.0	100.0	-27.8	26.1
Producing for consumption or consumption and sale—	71	88	73	58.2	52.1	54.5	(1)	(1)
Producing for sale only—	51	81	61	41.8	47.9	45.5	(1)	(1)
Pig-iron production, tons (2,240 pounds)—	36,495,562	40,162,855	16,618,493	100.0	100.0	100.0	-9.1	141.7
For consumption in other plants of same company—	27,715,651	29,559,662	12,766,218	75.9	73.0	70.8	-6.2	131.5
For sale—	8,770,011	10,603,193	3,852,275	24.1	26.4	23.2	-17.2	175.2

¹ Not computed where base is less than 100.

TABLE 7.—PIG-IRON AND BLAST-FURNACE FERRO-ALLOY PRODUCTION, BY GRADES, FOR THE UNITED STATES: 1925, 1923, AND 1921

GRADE	TONS (2,240 POUNDS)			PER CENT DISTRIBUTION			PER CENT OF INCREASE OR DECREASE (-)	
	1925	1923	1921	1925	1923	1921	1923-1925	1921-1923
Pig-iron and blast-furnace ferro-alloys—	36,495,562	40,162,855	16,618,493	100.0	100.0	100.0	-9.1	141.7
Basic—	18,945,109	19,890,170	7,411,403	51.9	40.5	44.6	-4.8	168.5
Bessemer—	9,835,381	10,704,904	5,723,361	27.0	26.7	34.4	-8.1	87.0
Foundry—	5,182,279	6,791,418	2,613,332	14.2	16.0	15.7	-23.7	159.9
Malleable—	1,575,057	1,652,682	330,876	4.3	3.9	2.0	1.4	369.3
Low phosphorus (below 0.04 per cent)—	269,822	310,888	201,731	.8	.8	1.2	-13.2	54.1
Forge or mill—	233,634	278,682	111,221	.6	.7	.7	-16.2	150.6
White, mottled, and miscellaneous—	45,357	134,347	25,037	.1	.3	.2	-66.2	424.0
Direct castings—	44,497	76,060	18,817	.1	.2	.1	-40.7	298.9
Ferro-alloys—	364,426	416,605	182,116	1.0	1.0	1.1	-12.3	128.2

¹ Not including ferro-alloys made in electric furnaces and in the zinc-smelting industry. The total production of ferro-alloys in all industries during the last 3 census years was as follows: 1925, 564,152 long tons; 1923, 607,947 long tons; 1921, 225,431 long tons. (See Table 13, p. 439.)

TABLE 8.—PIG-IRON PRODUCTION, BY METHOD OF DELIVERY OR CASTING, FOR THE UNITED STATES AND FOR PENNSYLVANIA AND OHIO: 1925, 1923, AND 1921

[Includes data for blast-furnace ferro-alloys but not for electric-furnace ferro-alloys]

METHOD AND STATE	NUMBER OF ESTABLISHMENTS			PRODUCTION, TONS (2,240 POUNDS)			PER CENT DISTRIBUTION		
				1925	1923	1921	1925	1923	1921
	1925	1923	1921						
United States	122	109	184	36,495,502	40,162,855	16,618,493	100.0	100.0	100.0
Delivered molten	58	58	50	23,030,189	24,660,813	8,884,764	64.9	61.4	63.5
Machine cast	90	101	82	10,476,720	11,625,680	5,773,618	28.7	28.9	34.7
Sand cast	28	73	58	1,731,011	3,397,093	1,781,902	4.8	8.5	10.7
Chill cast	15	15	13	554,145	403,039	150,392	1.5	1.0	1.0
Direct castings	32	42	29	44,407	75,060	18,817	.1	.2	.1
Pennsylvania	86	55	42	12,450,103	14,730,102	6,261,998	100.0	100.0	100.0
Delivered molten	21	21	16	9,105,000	10,106,955	3,249,975	73.1	68.6	51.9
Machine cast	31	41	30	3,010,506	4,008,225	1,991,573	24.2	27.2	31.8
Sand cast	4	17	17	69,948	439,872	940,358	.6	3.0	15.0
Chill cast	6	8	6	260,705	179,332	77,927	2.1	1.2	1.2
Direct castings	12	16	12	3,944	4,778	2,185	(1)	(1)	(1)
Ohio	27	38	30	8,866,066	9,370,186	3,799,043	100.0	100.0	100.0
Delivered molten	17	16	14	5,729,822	5,730,023	2,038,674	64.6	61.2	53.7
Machine cast	25	27	25	3,020,482	3,123,017	1,580,015	34.2	33.3	41.8
Sand cast	2	11	9	94,815	363,637	167,709	1.1	3.0	4.4
Chill cast	1	2	1	735	181,077	601	(1)	1.4	(1)
Direct castings	6	10	6	11,212	11,432	3,644	.1	.1	.1
All other States	59	78	62	15,179,303	16,053,507	6,556,852	100.0	100.0	100.0
Delivered molten	20	21	20	8,854,367	8,817,835	3,596,115	68.4	54.0	54.9
Machine cast	34	33	27	4,436,732	4,404,408	2,103,030	29.2	28.0	33.4
Sand cast	22	45	32	1,506,248	2,589,184	673,835	10.3	16.1	10.3
Chill cast	8	5	6	202,705	93,230	80,864	1.0	.6	1.2
Direct castings	14	16	11	29,341	58,850	13,008	.2	.4	.2

1 Less than one-tenth of 1 per cent.

TABLE 9.—PIG-IRON PRODUCTION, BY STATES: 1919 TO 1925

[Includes data for blast-furnace ferro-alloys but not for electric-furnace ferro-alloys]

STATE	Census year	Num- ber of active furnaces	PRODUCTION			Value
			Tons (2,240 pounds)	Per cent of total	Rank ¹	
United States	1925	285	80,495,562	100.0	-----	\$744,738,899
	1923	350	40,162,855	100.0	-----	984,988,403
	1921	251	16,618,493	100.0	-----	408,581,633
	1919	885	30,543,167	100.0	-----	785,060,412
Pennsylvania	1925	100	12,450,103	34.1	1	268,864,529
	1923	127	14,730,162	36.7	1	897,539,202
	1921	91	6,281,998	37.7	1	161,930,441
	1919	140	12,014,112	39.3	1	314,253,642
Ohio	1925	57	8,866,066	24.3	2	174,183,080
	1923	69	9,370,186	28.3	2	227,482,637
	1921	53	3,709,048	22.0	2	90,983,785
	1919	77	7,073,337	23.2	2	176,502,090
Illinois	1925	28	3,604,255	9.9	3	74,135,026
	1923	28	3,830,055	9.8	3	97,714,396
	1921	17	1,612,020	9.7	4	38,572,937
	1919	24	2,528,888	8.3	3	61,734,028
Indiana	1925	17	3,353,217	9.2	4	64,716,341
	1923	16	3,022,227	7.5	4	70,736,528
	1921	18	1,650,738	9.9	3	86,100,364
	1919	16	2,292,562	7.5	4	51,591,407
Alabama	1925	20	2,830,016	7.8	5	63,645,220
	1923	32	2,791,976	7.0	5	62,085,991
	1921	23	1,210,690	7.3	5	28,482,713
	1919	39	2,111,381	6.9	5	64,771,825
New York	1925	20	2,057,890	5.7	6	37,987,217
	1923	24	2,652,412	6.6	6	61,049,856
	1921	16	866,748	5.2	6	20,036,223
	1919	21	1,890,094	6.2	6	50,212,461
Michigan	1925	10	767,142	2.1	8	10,088,195
	1923	13	794,059	2.0	7	20,008,124
	1921	9	219,168	1.3	11	0,047,847
	1919	12	420,301	1.4	7	13,612,906
West Virginia	1925	4	494,508	1.4	9	9,375,425
	1923	4	507,582	1.3	9	12,528,641
	1921	4	243,560	1.5	9	0,015,478
	1919	5	251,751	.8	12	6,303,480
Virginia	1925	5	123,805	.3	13	3,088,100
	1923	7	244,037	.6	13	6,613,711
	1921	5	65,612	.4	18	1,609,808
	1919	12	201,117	1.0	9	0,232,884
Tennessee	1925	4	104,261	.2	15	2,640,400
	1923	10	232,821	.6	14	6,047,530
	1921	4	13,718	.1	17	560,050
	1919	8	182,033	.6	14	6,150,705
All other States	1925	16	1,814,203	5.0	-----	38,638,740
	1923	25	1,060,338	4.9	-----	50,467,577
	1921	16	674,007	4.1	-----	17,627,807
	1919	31	1,486,691	4.9	-----	41,003,494

¹ Statistics for Maryland, Colorado, Minnesota, Wisconsin, Kentucky, and Utah, which ranked seventh, tenth, eleventh, twelfth, fourteenth, and sixteenth, respectively, for 1925, can not be given without disclosing operations of individual establishments.

² See "Ferro-alloys," p. 428.

³ Colorado, 3 furnaces; Kentucky, 2; Maryland, 6; Minnesota, 2; Utah, 1; Wisconsin, 2.

⁴ Colorado, 4 furnaces; Kentucky, 3; Maryland, 6; Massachusetts, 1; Minnesota, 3; New Jersey, 3; Wisconsin, 5.

⁵ Colorado, 3 furnaces; Kentucky, 1; Maryland, 2; Massachusetts, 1; Minnesota, 2; Missouri, 2; New Jersey, 2; Wisconsin, 3.

⁶ Colorado, 4 furnaces; Connecticut, 1; Kentucky, 5; Maryland, 5; Massachusetts, 1; Minnesota, 3; Missouri, 3; New Jersey, 3; Texas, 1; Washington, 1; Wisconsin, 4.

TABLE 10.—NUMBER AND CAPACITY OF BLAST FURNACES REPORTED BY ACTIVE ESTABLISHMENTS, BY STATES AND BY KINDS OF FUEL: 1919 TO 1925

[Covers all furnaces, both active and idle, reported by establishments which operated any of their furnaces during any part of the year]

STATE AND KIND OF FUEL	NUMBER				DAILY CAPACITY, TONS (2,240 POUNDS)			
	1925	1923	1921	1919 ¹	1925	1923	1921	1919 ¹
United States	310	368	331	411	136,086	141,555	126,115	138,347
Coke	300	348	312	382	135,129	139,826	124,214	138,334
Bituminous coal and coke	2	5	3	8	325	570	844	240
Anthracite and coke				5				438
Charcoal	8	15	16	21	632	1,159	1,057	1,335
Alabama	31	36	30	42	9,370	10,466	8,400	10,000
Coke	30	38	27	39	9,320	10,266	8,200	9,860
Charcoal	1	3	3	3	50	200	200	200
Colorado—Coke	5	5	5	5	2,150	1,600	1,600	1,705
Connecticut—Charcoal	(1)	(1)	(4)	2	(1)	(1)	(1)	30
Illinois—Coke	25	26	20	24	13,700	13,205	12,190	11,675
Indiana—Coke	17	16	16	16	10,320	8,880	8,530	8,290
Kentucky—Coke	3	3	2	7	900	870	500	1,150
Maryland	6	6	6	5	2,600	2,600	2,600	1,615
Coke	6	6	6	4	2,600	2,600	2,600	1,600
Charcoal				1				15
Massachusetts—Charcoal		1	1	1			15	15
Michigan	10	18	10	12	2,282	2,514	1,645	1,530
Coke	4	4	2	3	1,750	1,750	1,000	765
Charcoal	6	9	8	9	512	764	645	775
Minnesota—Coke	3	3	2	3	1,275	1,150	850	1,100
Missouri			2	3			360	335
Coke			1	1			300	175
Charcoal			1	2			60	160
New Jersey—Coke		3	2	5			350	1,200
New York—Coke	24	26	24	25	9,906	9,900	9,170	9,176
Ohio	60	70	61	77	28,988	20,449	26,813	28,918
Coke	58	74	63	74	28,663	28,449	26,813	28,678
Bituminous coal and coke	2	70	61	3	326	28,449	26,813	240
Pennsylvania	108	132	125	149	50,027	53,903	49,132	55,557
Coke	108	124	124	142	50,027	53,903	49,125	55,109
Anthracite and coke				5				438
Charcoal			1	2			7	10
Tennessee	5	11	5	10	635	1,235	550	1,139
Coke	4	10	4	10	565	1,175	535	1,139
Charcoal	1	1			70	60		
Charcoal and coke			1				15	
Texas—Coke	(1)	(1)	(1)	1	(1)	(1)	(1)	100
Utah—Coke	1				350			
Virginia—Coke	5	8	5	13	860	1,600	730	1,830
Washington—Coke	(1)	(1)	(1)	1	(1)	(1)	(1)	65
West Virginia—Coke	4	4	4	5	1,008	1,574	1,574	1,699
Wisconsin	3	6	5	5	1,080	1,554	1,106	1,158
Coke	3	5	4	4	1,050	1,434	991	1,028
Charcoal		1	1	1		120	115	130

¹ See "Ferro-alloys," p. 428.

² Included with data for "Coke" in distribution by States.

³ Includes data for 1 charcoal-and-coke establishment in Tennessee.

⁴ Idle throughout the year.

⁵ Abandoned since 1919.

TABLE 11. BLAST FURNACES REPORTED BY ACTIVE ESTABLISHMENTS, BY CAPACITY GROUPS, BY STATES: 1925, 1923, AND 1921
 [Covers all furnaces, both active and idle, reported by establishments which operated any of their furnaces during any part of the year]

STATE	Census year	Total	DAILY-CAPACITY GROUPS (TONS OF PIG IRON)					
			Less than 100	100 to 199	200 to 299	300 to 399	400 to 499	500 and over
United States	1925	310	10	15	28	44	51	162
Number of furnaces	1923	308	19	32	52	58	55	162
	1921	331	19	25	52	46	55	134
Aggregate daily capacity, tons (2,240 pounds)	1925	136,086	700	2,404	6,702	14,540	22,408	89,332
	1923	141,555	1,232	4,644	12,487	19,221	24,042	80,029
	1921	126,115	1,067	3,008	12,452	15,646	24,274	68,068
Number of furnaces								
Alabama	1925	31	1	3	12	8	2	5
	1923	30	3	3	16	6	2	6
	1921	30	3	—	13	7	7	—
Colorado	1925	5	—	—	1	—	4	—
	1923	5	—	—	1	4	—	—
	1921	5	—	—	1	1	5	18
Illinois	1925	25	—	—	1	1	2	19
	1923	26	—	1	1	2	3	18
	1921	26	—	1	1	6	—	—
Indiana	1925	17	—	—	—	—	—	17
	1923	16	—	—	—	—	—	16
	1921	16	—	—	—	—	—	16
Kentucky	1925	3	—	—	2	1	—	—
	1923	3	—	—	2	1	—	—
	1921	2	—	—	2	—	—	—
Maryland	1925	6	—	—	—	4	2	2
	1923	6	—	—	—	4	—	2
	1921	6	—	—	—	4	—	2
Massachusetts	1925	1	1	—	—	—	—	—
	1923	1	1	—	—	—	—	—
	1921	1	1	—	—	—	—	2
Michigan	1925	10	4	2	—	2	—	—
	1923	13	5	4	—	1	1	—
	1921	10	5	3	—	—	—	2
Minnesota	1925	3	—	—	—	1	2	—
	1923	3	—	—	—	1	2	—
	1921	2	—	—	—	2	—	—
Missouri	1925	—	—	—	—	—	—	—
	1923	—	—	—	—	—	—	—
	1921	2	1	—	—	1	—	2
New Jersey	1925	3	—	1	—	—	—	—
	1923	2	—	1	—	—	—	—
	1921	2	—	1	—	—	—	9
New York	1925	24	—	—	1	10	4	—
	1923	25	—	—	3	10	2	10
	1921	24	—	1	5	7	1	10
Ohio	1925	60	—	3	1	8	10	38
	1923	70	1	5	5	12	12	35
	1921	61	—	2	5	10	16	28
Pennsylvania	1925	108	2	3	6	9	18	70
	1923	132	4	8	16	17	28	59
	1921	125	5	12	18	9	24	57
Tennessee	1925	5	2	3	—	—	—	—
	1923	11	5	3	3	—	—	—
	1921	5	2	1	2	—	—	—
Utah	1925	1	—	—	—	—	—	—
Virginia	1925	5	1	1	3	—	—	—
	1923	8	—	4	4	—	—	—
	1921	5	1	2	2	—	—	—
West Virginia	1925	4	—	—	—	1	1	1
	1923	4	—	—	1	1	1	1
	1921	4	—	—	1	1	1	1
Wisconsin	1925	3	—	—	2	—	—	—
	1923	6	—	3	8	—	—	—
	1921	5	—	3	1	1	1	—

1 Dismantled since 1921.

* No furnaces reported for 1923 or 1921.

TABLE 12.—NUMBER OF ESTABLISHMENTS AND DETAILED STATISTICS OF PRODUCTS AND EQUIPMENT, FOR SELECTED STATES: 1925

[Ton, 2,240 pounds]

	United States	Alabama	Illinois	Indiana	Ohio	Pennsyl-vania
Number of establishments	122	14	6	3	27	36
Total value.....	\$765,286,220	\$54,331,148	\$76,460,447	\$67,008,451	\$178,722,017	\$275,526,857
Pig iron (including ferro-alloys):						
Tons.....	36,495,502	2,830,016	3,604,255	3,353,217	8,866,066	12,450,103
Value.....	\$744,733,890	\$63,545,229	\$74,135,025	\$64,716,341	\$174,153,680	\$268,864,529
For consumption in other plants of same company:						
Tons.....	27,715,651	1,426,798	2,719,842	3,327,185	6,886,975	10,123,230
Assigned value.....	\$553,900,940	\$26,813,347	\$55,703,718	\$54,201,369	\$134,370,834	\$210,511,881
For sale—						
Tons.....	8,779,911	1,403,218	884,413	20,032	1,970,091	2,326,873
Value.....	\$100,832,950	\$26,731,882	\$18,431,807	\$614,972	\$39,782,846	\$58,352,048
Blast-furnace gas used as fuel for steam boilers and gas engines, coal equivalent, tons.....	9,409,936	1,225,311	1,038,402	890,077	1,310,279	3,311,836
Blast-furnace department, tons.....	4,777,504	1,028,352	500,231	397,694	573,908	1,658,008
Other departments—						
Tons.....	4,632,372	196,959	529,171	492,333	745,371	1,653,743
Assigned value.....	\$17,004,317	\$610,572	\$2,288,108	\$2,292,110	\$2,856,556	\$5,502,740
Slag (granulated; slag for roofing, paving, etc.)....	\$1,686,881	\$155,158	\$26,144	.....	\$1,216,454	\$81,118
All other products, value, and amount received for custom work.....	\$1,861,132	\$20,180	\$11,170	.....	\$495,327	\$1,078,472
Pig iron (including ferro-alloys), classified by smelting fuel:						
Coke—						
Tons.....	36,205,009	1,280,016	3,604,255	3,353,217	8,866,066	12,450,103
For consumption.....	27,715,550	1,426,798	2,719,842	3,327,185	6,886,975	10,123,230
For sale.....	8,489,459	1,403,218	884,413	20,032	1,970,091	2,326,873
Value.....	\$730,911,133	\$553,545,229	\$74,135,025	\$64,716,341	\$174,153,680	\$268,864,529
Charcoal—						
Tons.....	195,738	(*)	.....	.....	.....	.....
Value.....	\$5,148,021	(*)	.....	.....	.....	.....
Other fuel—						
Tons.....	94,815	.....	.....	.....	(*)	.....
Value.....	\$2,078,845	.....	.....	.....	(*)	.....
Pig iron (including blast-furnace ferro-alloys), classified by grade, tons:						
Basic.....	18,945,109	1,409,107	1,917,692	3,050,680	4,157,458	6,604,664
For consumption.....	16,874,051	1,338,250	1,524,542	3,030,118	3,390,626	5,934,572
For sale.....	2,071,058	70,851	363,150	20,562	757,832	760,092
Bessemer.....	9,835,881	.....	872,310	(*)	3,255,704	4,305,509
For consumption.....	9,410,129	.....	851,675	(*)	3,220,110	3,989,522
For sale.....	416,252	.....	20,685	(*)	35,594	315,987
Foundry.....	5,182,279	1,334,236	421,575	.....	603,602	949,049
For consumption.....	645,302	36,008	169,894	.....	(*)	33,576
For sale.....	4,533,977	1,298,188	251,681	.....	(*)	935,473
Malleable.....	1,675,057	.....	389,040	(*)	550,568	61,219
For consumption.....	400,041	.....	170,767	.....	(*)	.....
For sale.....	1,175,016	.....	218,273	(*)	(*)	61,219
Low phosphorus.....	260,822	(*)	.....	.....	(*)	111,222
For consumption.....	23,378	(*)	.....	.....	.....	(*)
For sale.....	246,444	.....	.....	.....	(*)	(*)
Ferro-mill.....	233,034	48,128	.....	.....	97,441	88,065
For consumption.....	177,684	17,006	.....	.....	(*)	(*)
For sale.....	56,050	31,122	.....	.....	(*)	(*)
White, mottled, and miscellaneous.....	45,357	3,338	(*)	(*)	(*)	(*)
For consumption.....	11,368	(*)	.....	.....	.....	.....
For sale.....	33,989	(*)	.....	.....	.....	.....
Direct castings.....	44,497	7,317	2,064	(*)	11,212	8,944
Ferro-alloys—	364,426	.....	.....	.....	.....	.....
Ferromanganese.....	260,780	(*)	.....	.....	.....	215,850
Ferrosilicon, ferro-phosphorus, and spiegel-eisen.....	104,046	.....	.....	.....	(*)	(*)

See footnotes at end of table

TABLE 12.—NUMBER OF ESTABLISHMENTS AND DETAILED STATISTICS OF PRODUCTS AND EQUIPMENT, FOR SELECTED STATES: 1925—Continued

[Ton, 2,210 pounds]

PRODUCTS	GEOGRAPHIC AREA	United States	Alabama	Illinois	Indiana	Ohio	Pennsylvania
PRODUCTS—continued							
Pig iron (including blast-furnace ferro-alloys), classified by method of delivery or casting:							
Delivered molten to steel works	23,680,180	1,234,498	2,231,025	8,148,007	5,729,822	9,105,000	
Machine cast	10,470,720	143,205	1,360,366	200,100	3,020,482	3,010,606	
Sand cast	1,781,011	1,102,441				94,815	69,948
Chill cast	554,145	252,405				735	289,705
Direct castings	44,497	7,817	2,904	(1)		11,212	3,044
EQUIPMENT—FURNACES IN ACTIVE ESTABLISHMENTS							
Completed furnaces at end of year:							
Number	310	31	25	17	60	108	
Daily capacity, tons	130,086	9,870	13,700	10,320	28,088	50,027	
Active within the year:							
Number	285	20	23	17	57	100	
Daily capacity, tons	127,711	8,845	12,975	10,320	28,188	46,977	
Coke—							
Number	276	28	23	17	55	100	
Daily capacity, tons	120,751	8,795	12,075	10,320	27,813	46,977	
Charcoal—							
Number	8	1					
Daily capacity, tons	632	50					
Other fuel—							
Number	2					2	
Daily capacity, tons	325				325		
Idle throughout the year:							
Number	25	2	2		3	8	
Daily capacity, tons	8,375	525	725		800	3,060	
Coke—							
Number	25	2	2		3	8	
Daily capacity, tons	8,375	525	725		850	3,060	
Banked or out for refining at end of year:							
Coke—							
Number	32	1	1	4	3	15	
Daily capacity, tons	16,240	300	550	2,480	1,570	0,845	
Other fuel—							
Number	1						
Daily capacity, tons	60						
In course of construction at end of year (all coke):							
Number	3		1	1			
Daily capacity, tons	2,000		550	750			
New furnaces completed since 1923 (all coke):							
Number	3			1			
Daily capacity, tons	1,165			750			
Abandoned or dismantled since 1923:							
Number	6						
Daily capacity, tons	1,440						
Coke—							
Number	5						3
Daily capacity, tons	1,330						1,060
Charcoal—							
Number	1						
Daily capacity, tons	110						

1 Includes charcoal pig iron in order to avoid disclosing operations of individual establishments.

2 Includes "Other fuel" pig iron in order to avoid disclosing operations of individual establishments.

3 Included in totals but not shown separately in order to avoid disclosing operations of individual establishments.

* Furnaces active at any time within the year, but not necessarily throughout the year.

TABLE 13.—FERRO-ALLOY PRODUCTION IN BLAST FURNACES AND ELECTRIC FURNACES, BY KIND, AND STATES IN WHICH PRODUCED: 1925

KIND AND STATE IN WHICH PRODUCED	Number of establishments	Ton (2,240 pounds)	Value
Total.....	81	564,152	\$47,697,104
Produced for sale.....	31	446,500	35,140,716
Produced for consumption in other plants of same company (assigned value).....	5	12,652	12,547,449
Blast-furnace production.....	12	1,430,098	132,441,673
Electric-furnace production.....	19	134,054	15,255,491
Ferromanganese and spiegeleisen (Alabama, Maryland, Pennsylvania, Virginia).....	10	325,533	20,103,000
Ferrosilicon and silvery iron (Alabama, Iowa, New York, Ohio, Tennessee).....	10	202,253	9,058,734
Ferrophosphorus and ferrovannadum (Alabama, New York, Ohio, Pennsylvania, Tennessee).....	5	16,431	4,610,321
Ferrocchrome and ferrotungsten (New Jersey, New York, Pennsylvania, Virginia, West Virginia).....	8	17,084	3,031,111
Ferromolybdenum, ferrontitanium, and ferro-alloys undesignated (New Jersey, New York, Ohio, Pennsylvania).....	6	2,896	1,000,000

¹ Includes output of ferro-alloys manufactured as secondary products in the zinc-smelting industry.

TABLE 14.—GENERAL STATISTICS, BY STATES: 1925

This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the "All other States," however, reported larger values of products than some of the States shown separately.

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horsepower
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average number)	
United States.....	122	31,697	1	12,508	20,188	1,380,304
Alabama.....	14	5,058	—	227	4,831	131,940
Illinois.....	6	2,821	—	351	2,470	105,675
Indiana.....	3	1,704	—	102	1,602	71,228
Michigan.....	8	1,045	—	85	960	20,599
New York.....	8	1,037	—	99	1,538	116,007
Ohio.....	27	7,790	—	534	7,156	376,371
Pennsylvania.....	36	8,698	—	734	7,964	455,981
Tennessee.....	4	426	—	45	380	9,485
Virginia.....	4	478	—	49	420	12,371
West Virginia.....	8	416	—	28	388	15,010
All other States ¹	0	1,504	—	154	1,440	65,120

STATE	Salaries	Wages	Paid for contract work	Cost of materials	Value of products	Value added by manufacture ²
United States.....	\$6,887,661	\$45,312,168	\$3,891	\$617,416,880	\$765,286,229	\$147,809,349
Alabama.....	503,802	5,024,708	—	36,097,769	54,331,148	18,233,389
Illinois.....	971,222	4,182,672	—	57,467,175	70,460,447	18,903,272
Indiana.....	317,201	2,881,618	—	50,747,585	67,008,451	10,260,886
Michigan.....	230,023	1,370,018	1,293	14,143,497	17,816,304	3,672,807
New York.....	300,002	2,041,174	—	30,320,231	30,764,473	9,444,242
Ohio.....	1,708,351	12,258,786	—	145,875,369	178,722,017	32,846,648
Pennsylvania.....	2,147,825	13,250,267	1,051	239,462,313	275,526,857	36,084,544
Tennessee.....	63,822	272,280	1,547	2,057,304	2,649,701	502,697
Virginia.....	111,185	338,027	—	2,902,330	3,722,080	320,344
West Virginia.....	78,539	728,060	—	8,070,904	9,527,065	857,061
All other States ¹	373,709	2,156,318	—	29,672,637	39,756,096	10,083,460

¹ Not including 1,529 salaried officers and employees of central administrative offices, with salaries aggregating \$4,178,442. For purposes of comparison with the statistics published for earlier years, these figures should be added to those given in the table, making combined totals of 4,037 salaried officers and employees and \$11,006,003. (See "Central-administrative-office employees," p. 1193.)

² Colorado, 1 establishment; Kentucky, 2; Maryland, 1; Minnesota, 2; Utah, 1; Wisconsin, 2.

³ Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

STEEL WORKS AND ROLLING MILLS

[A preliminary report for this industry was issued under date of March 10, 1927]

Description of the industry.—This industry consists in the conversion of pig iron into steel and the rolling of iron and steel. In many cases the processes of conversion and rolling are performed in the same plants, and in such cases the value of products represents only the finished products. Some establishments, however, manufacture crude steel or partly rolled steel which is used as a material by other rolling mills, and this causes some degree of duplication in value of products and cost of materials.

The amount of duplication in the total value of products for the industry can not be accurately determined, but it is approximately equal to the sum of the value (\$421,771,551) of the ingots and semifinished rolled products manufactured for sale and for transfer to other plants under the same ownership, and of the value (\$111,062,610) of "interplant transfer" of finished rolled products and forgings manufactured in certain plants and transferred to other plants under the same ownership for use as materials in further manufacture. All but a small proportion of the ingots and semifinished rolled products manufactured for sale and for "interplant transfer" and practically all the finished rolled products and forgings transferred to other plants are used as materials by other rolling mills, and therefore their values as finished products are again included in the total value of products.

In many establishments the manufacturing processes are carried beyond the rolling stage. For example, tin-dipping departments are operated by some of the black-plate rolling mills, wire-drawing departments by wire-rod mills, and pipe-and-tube departments by skelp mills. For this reason the industry overlaps a number of others, and the products include certain commodities identical in character with the primary products of other industries. (See table, p. 478; Table 5, p. 482; and Table 6, p. 449.)

Detailed statistics of products.—Statistics relating to individual products or classes of products are given in Tables 5 to 20, inclusive. The products are divided into seven groups, namely: Unrolled steel; semifinished rolled products; finished rolled products and forgings; scrap iron and steel; cinder, scale, copper rods, sulphate of iron, and miscellaneous products other than iron or steel; custom work and repairing; and products further manufactured from finished rolling-mill and foundry products.

Table 5 has been prepared in such form as to show separately the tonnage produced and consumed in the same works, the tonnage produced and transferred to other plants under the same ownership, and the tonnage produced for sale. The tonnage transferred to other plants under the same ownership carries an assigned value, but no value is assigned to the tonnage produced and consumed in different departments of the same works. The practice followed at prior censuses, of estimating values for tonnages produced and consumed in the same works, has been discontinued.

In Table 20 the total tonnage, including the amounts made and consumed in the same works, is shown, and the amounts consumed in the producing establishments can be readily ascertained by subtracting the items in the "For sale" and "Interplant transfer" columns from the corresponding totals in the "Total tonnage" columns.

In many instances rolling mills operate departments for the manufacture of rolling-mill products into pipes and tubes, bolts and nuts, cut nails and spikes, and other finished iron and steel products. These products, when manufactured in plants other than departments of rolling mills, are classified in other industries. The total output of these products by kind, quantity, and value, as reported for all industries, is shown as far as practicable in Table 6, p. 449.

Tin plate, terneplate, and wire are manufactured chiefly in departments of rolling mills. Statistics showing the total output of these products will be found in separate sections of this report. (See Tin plate and terneplate, p. 478, and Wire, p. 479.)

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1914 TO 1925

YEAR OR PERIOD	Number of establishments	Wage earners (average number)	Wages	Paid for contract work	Cost of materials ¹	Value of products	Value added by manufacture ²	Horse-power
1925-----	473	370,720	\$114,084,082	\$2,375,670	\$1,811,961,218	\$2,940,068,231	\$1,134,107,013	4,763,533
1923-----	489	388,201	637,825,137	410,268	2,044,398,238	3,154,824,671	1,109,926,433	4,318,522
1921-----	494	235,515	324,987,239	605,343	1,005,125,454	1,481,559,362	476,533,898	(3)
1919-----	500	375,088	637,637,430	2,063,415	1,680,578,758	2,825,902,376	1,148,325,618	3,818,167
1914-----	427	248,710	188,142,398	261,082	590,826,092	918,064,565	327,838,873	2,703,596
PER CENT OF INCREASE OR DECREASE (—)								
1923-1925-----	-3.3	-4.5	-3.6	470.1	-11.4	-8.6	2.2	10.4
1921-1923-----	-1.0	64.8	96.3	-32.2	103.4	112.9	132.9	-----
1921-1925-----	-4.3	57.4	89.2	292.5	80.3	98.8	138.0	-----
1914-1925-----	10.8	49.1	226.0	846.2	206.7	220.7	245.9	76.2

¹ Including also cost of fuel, mill supplies, and electric power.

² Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

³ Not called for on schedule.

These figures differ slightly from the corresponding ones published in the reports for 1919 and 1914 because of the exclusion here and the inclusion in the previous reports of data for purchased power other than electric. (See footnote 2, Table 3, p. 443.)

TABLE 2.—WAGE EARNERS, BY MONTHS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR SELECTED STATES, 1925.

[Some of the States for which no figures are given in this table reported larger numbers of wage earners than some of those for which statistics are shown. See headnote, Table 21, p. 465.]

STATE	Average number employed during year	NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY					
		January	February	March	April	May	June
United States:							
1925	370,728	380,453	382,285	386,354	374,872	366,824	360,337
1923	388,201	377,151	376,657	393,341	388,792	380,654	398,301
1921	235,515	238,984	270,265	252,267	223,428	221,901	211,203
1919	376,088	441,660	416,541	302,803	367,514	364,721	360,584
Alabama	7,609	7,130	7,886	7,383	7,337	7,300	7,370
California	4,225	3,908	4,010	4,076	4,181	4,019	4,101
Delaware	772	832	504	487	758	817	514
Illinois	24,870	27,257	27,709	27,794	27,196	25,796	23,868
Indiana	27,766	27,400	27,727	28,485	27,655	27,404	27,078
Kentucky	4,172	4,251	4,381	4,386	4,315	4,088	4,127
Michigan	1,028	1,821	1,877	1,952	1,936	1,941	1,942
Missouri	2,510	3,111	3,118	3,028	2,573	2,150	1,880
New Jersey	8,189	8,228	8,237	8,184	8,121	8,173	8,036
New York	15,651	16,612	16,551	16,017	16,146	15,330	14,878
Ohio	87,541	89,818	89,254	89,955	86,870	86,981	85,478
Pennsylvania	147,108	153,789	153,156	153,645	148,364	148,773	142,006
Washington	589	550	527	535	522	591	553
West Virginia	12,891	11,401	12,031	13,600	13,903	13,431	13,002
Wisconsin	3,105	3,102	3,288	3,348	3,273	3,346	2,101

STATE	NUMBER EMPLOYED ON 15TH DAY OF MONTH OR THE NEAREST REPRESENTATIVE DAY					
	July	August	September	October	November	December
United States:						
1925	554,655	354,567	303,605	300,580	375,020	381,604
1923	380,028	398,387	322,674	397,034	381,867	383,051
1921	183,024	205,446	210,116	230,061	252,481	248,073
1919	383,212	387,066	377,275	293,409	343,312	383,100
Alabama	7,325	7,008	8,210	8,300	6,503	7,951
California	3,071	4,083	4,143	4,247	5,358	4,649
Delaware	888	935	888	888	585	1,082
Illinois	23,053	22,341	22,453	23,143	23,503	23,219
Indiana	26,015	26,706	27,849	28,501	28,030	29,405
Kentucky	3,942	8,912	4,111	4,146	4,295	4,181
Michigan	1,905	1,010	1,900	1,060	1,944	1,949
Missouri	1,767	2,553	2,829	2,375	2,241	2,485
New Jersey	8,007	8,051	8,102	8,180	8,335	8,604
New York	14,402	13,477	14,071	15,079	16,716	17,337
Ohio	85,240	85,030	87,170	87,501	87,946	88,850
Pennsylvania	139,751	140,251	143,922	140,498	147,586	152,578
Washington	571	580	589	609	571	552
West Virginia	12,800	12,812	12,927	12,877	12,780	11,960
Wisconsin	2,983	3,003	3,058	3,070	3,148	3,258

¹ Month of maximum employment indicated by bold-faced figures and that of minimum employment by italic figures. Per cent which minimum forms of maximum: 1925, 91.0; 1923, 92.2; 1921, 92.4; 1919, 66.2.

TABLE 3.—PRIME MOVERS, GENERATORS, AND MOTORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1925, 1923, AND 1919

[No data in regard to prime movers were collected for 1921]

TYPE	1925		1923		1919	
	Number	Horse-power	Number	Horse-power	Number	Horse-power
Prime movers, total	49,231	4,763,533	34,272	4,313,522	27,045	3,818,167
Steam engines	3,576	2,014,063	4,015	2,033,818	4,730	2,245,846
Steam turbines	771	926,237			679	610,710
Internal-combustion engines	180	357,805	167	345,379	141	257,473
Water wheels and turbines	25	2,738	44	4,785	38	9,041
Electric motors driven by purchased current	44,679	1,426,090	29,146	1,030,080	22,053	695,097
Electric motors, total	119,530	3,758,167	101,910	3,428,454	85,480	2,360,596
Driven by purchased current	44,679	1,426,090	29,146	1,030,000	22,053	695,007
Driven by current generated in establishment reporting	74,851	2,331,477	72,773	2,398,304	63,427	1,655,499
Electric generators		Kilowatts		Kilowatts		Kilowatts
	838	1,024,751	(t)	(t)	(t)	(t)

¹ The differences between these items and the corresponding ones given in the report for 1923 are due to revisions in data reported by certain manufacturers.

² This total differs from that given in the report for 1919 because of the exclusion here and the inclusion in the 1919 report of data for purchased power other than electric (power generated outside the plant and transmitted into the plant by belt, cable, or shaft).

³ Not called for on schedule.

TABLE 4.—NUMBER OF ESTABLISHMENTS AND VALUE OF PRODUCTS, BY CLASSES OF ESTABLISHMENTS, FOR THE UNITED STATES, 1919 TO 1925, AND FOR STATES, 1925

STATE AND CENSUS YEAR	Total	Establishments engaged both in producing steel and in rolling iron and steel	Establishments producing steel but not rolling	Establishments rolling iron and steel, but not producing steel	PER CENT OF TOTAL		
					Steel works and rolling mills	Steel works only	Rolling mills only
United States:							
Establishments	473	138	127	213	28.1	26.8	45.0
1925	473	138	127	213	28.1	26.8	45.0
1923	489	137	115	237	28.0	23.5	48.5
1921	494	148	121	225	30.0	24.5	45.5
1919	500	145	112	243	29.0	22.4	48.6
Value of products	\$2,946,008,281	\$1,683,484,867	\$130,410,971	\$820,163,393	67.3	4.6	28.1
1925	\$2,946,008,281	\$1,683,484,867	\$130,410,971	\$820,163,393	67.3	4.6	28.1
1923	3,154,324,071	2,057,117,140	161,466,877	935,740,048	65.2	5.1	29.7
1921	1,481,059,352	907,300,755	87,159,192	427,138,405	65.3	5.9	28.8
1919	2,828,902,370	1,805,304,980	151,801,147	811,736,240	65.9	5.4	28.7
Pennsylvania:							
Establishments	171	50	35	80	29.2	20.5	50.3
Value of products	\$1,086,935,222	\$720,045,161	\$40,215,717	\$326,074,344	60.2	3.7	30.1
Ohio:							
Establishments	80	24	15	47	27.9	17.4	54.7
Value of products	\$789,542,038	\$524,170,128	\$19,212,210	\$240,150,700	66.4	2.4	31.2
Indiana:							
Establishments	23	4	6	13	17.4	26.1	56.5
Value of products	\$276,228,174	\$188,040,081	\$8,462,740	\$79,125,353	68.3	3.1	28.6
Illinois:							
Establishments	33	10	11	12	30.3	33.3	36.4
Value of products	\$218,881,066	\$148,287,143	\$20,751,044	\$40,842,579	67.7	13.6	18.7
New York:							
Establishments	29	10	8	11	34.5	27.6	37.9
Value of products	\$107,059,180	\$82,126,823	\$6,897,824	\$18,085,003	76.7	6.4	18.0
All other States:							
Establishments	131	35	52	44	26.7	39.7	38.6
Value of products	\$467,421,081	\$320,200,631	\$31,880,036	\$115,335,414	68.5	6.8	24.7

TABLE 5.—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1925, 1923, AND 1921

[See "Detailed statistics of products," p. 440.] [Ton, 2,240 pounds]

CLASS	1925	1923	1921
Products, total value	\$2,946,068,231	\$3,154,324,671	\$1,481,659,352
Unrolled steel production, total tons	45,110,113	44,521,424	18,279,452
Ingots, total tons ¹	44,111,200	43,401,415	18,564,510
For sale—			
Tons	103,026	142,401	81,860
Value	\$8,693,447	\$5,775,888	\$3,584,768
Average per ton	\$84.90	\$40.55	\$45.80
Transferred for consumption in other plants of same company			
Tons	432,113	408,430	248,870
Assigned value	\$12,760,582	\$18,100,080	\$10,708,894
Produced and consumed in same works, tons	43,576,061	42,850,624	18,633,738
Direct steel castings, total tons ¹	1,097,913	1,120,009	414,906
For sale—			
Tons	893,382	1,000,478	877,411
Value	\$188,048,036	\$164,600,464	\$87,128,472
Average per ton	\$164.50	\$164.52	\$177.90
Transferred for consumption in other plants of same company			
Tons	44,330	58,238	18,565
Assigned value	\$8,365,618	\$8,011,272	\$8,083,027
Produced and consumed in same works, tons	70,201	60,293	18,980
Semifinished rolled products, total tons	40,248,054	41,021,479	17,479,086
For sale—			
Tons	5,700,512	5,997,078	2,444,508
Value	\$213,815,085	\$240,051,012	\$92,110,007
Transferred for consumption in other plants of same company, total			
Tons	5,027,223	5,437,341	2,271,755
Assigned value	\$101,590,437	\$206,408,477	\$88,020,293
Produced and consumed in same works, total tons	28,800,919	30,487,060	12,762,822
Blooms, billets, and slabs, steel, except for forging, total tons	82,820,185	84,577,185	14,009,867
For sale—			
Tons	2,146,040	2,464,886	660,468
Value	\$82,821,977	\$104,739,522	\$25,823,810
Average per ton	\$30.00	\$42.60	\$30.10
Transferred for consumption in other plants of same company			
Tons	4,681,777	4,608,254	2,070,056
Assigned value	\$159,711,552	\$176,952,232	\$76,880,716
Produced and consumed in same works, tons	25,498,818	27,444,045	11,270,234
Rolled blooms and billets for forging, total tons	256,987	264,685	95,035
For sale—			
Tons	151,847	127,435	20,307
Value	\$7,194,970	\$8,117,071	\$1,417,889
Average per ton	\$47.40	\$63.70	\$48.27
Transferred for consumption in other plants of same company			
Tons	1,224	7,313	603
Assigned value	\$87,580	\$103,724	\$28,072
Produced and consumed in same works, tons	103,868	119,537	65,375
Hammered charcoal blooms, billets, etc., total tons	68,778	103,873	28,724
For sale and interplant transfer—			
Tons	2,570	4,371	11,118
Value	\$271,660	\$371,678	\$530,604
Average per ton	\$105.45	\$85.05	\$48.55
Produced and consumed in same works, tons	60,202	90,502	17,036
Sheet and tin-plate bars, total tons	7,135,009	6,333,068	2,908,255
For sale—			
Tons	3,440,521	3,351,553	1,737,215
Value	\$121,060,116	\$132,560,524	\$63,774,603
Average per ton	\$35.35	\$30.55	\$31.70
Transferred for consumption in other plants of same company			
Tons	910,326	711,689	167,539
Assigned value	\$30,105,046	\$27,264,195	\$5,847,703
Produced and consumed in same works, tons	2,785,152	2,260,821	1,003,501
Muck and scrap bar, total tons	460,805	652,708	430,014
For sale—			
Tons	18,584	51,307	12,600
Value	\$1,078,307	\$3,380,147	\$849,415
Average per ton	\$56.05	\$65.90	\$65.83
Transferred for consumption in other plants of same company			
Tons	33,840	47,516	18,002
Assigned value	\$1,600,219	\$2,078,396	\$1,001,918
Produced and consumed in same works, tons	407,981	563,855	406,006

See footnotes at end of table

TABLE 5.—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1925, 1923, AND 1921—Continued

[See "Detailed statistics of products," p. 440.] [Ton, 2,240 pounds]

CLASS	1925	1923	1921
Finished rolled products and forgings, total tons.	32,807,779	34,451,787	15,110,318
For sale, total—			
Tons.....	22,355,679	23,065,884	9,550,478
Value.....	\$1,268,419,783	\$1,421,583,794	\$601,901,971
Transferred for consumption in other plants of same company, total—			
Tons.....	2,288,690	2,310,046	1,143,520
Assigned value.....	\$111,062,610	\$123,943,955	\$80,341,674
Produced and consumed in same works, total tons.	8,213,410	9,075,257	4,416,311
Rails, total tons.	2,708,520	2,747,805	2,100,146
Establishments.....	15	17	18
For sale—			
Tons.....	2,677,040	2,720,816	2,097,035
Value.....	\$113,755,761	\$113,423,790	\$98,489,790
Average per ton.....	\$42.50	\$41.70	\$47.00
Transferred for consumption in other plants of same company—			
Tons.....	15,420	6,799	2,978
Assigned value.....	\$678,614	\$219,965	\$130,531
Produced or consumed in same works, tons.	10,160	20,190	133
Rerolled or renewed rails (not including rails rolled by makers of ingots from new seconds, defective new rails, etc.), total tons.	70,000	112,643	53,805
Establishments.....	4	6	7
For sale and interplant transfer—			
Tons.....	70,290	112,643	53,805
Value.....	\$2,652,161	\$5,116,408	\$2,164,113
Average per ton.....	\$37.75	\$45.40	\$40.20
Produced and consumed in same works, tons.	700	771,704	383,468
Rail joints and fastenings, tie-plates, etc., total tons.	818,096	23	21
Establishments.....	27		
For sale—			
Tons.....	735,153	657,532	382,117
Value.....	\$41,790,643	\$39,359,842	\$24,244,282
Average per ton.....	\$58.85	\$59.65	\$63.45
Transferred for consumption in other plants of same company—			
Tons.....	70,555	110,809	1,258
Assigned value.....	\$4,933,173	\$3,833,010	\$86,870
Produced and consumed in same works, tons.	3,388	3,383	98
Structural shapes (not assembled or fabricated), total tons.	3,665,232	3,500,479	1,201,552
Establishments.....	38	36	30
Heavy (leg or web, 3 inches and over), total tons.	3,216,478	2,900,900	1,158,584
For sale—			
Tons.....	2,841,553	2,658,584	1,010,011
Value.....	\$126,253,506	\$128,471,232	\$48,176,168
Average per ton.....	\$44.45	\$48.30	\$47.65
Transferred for consumption in other plants of same company—			
Tons.....	154,873	130,383	30,904
Assigned value.....	\$6,493,116	\$6,018,570	\$1,864,866
Produced and consumed in same works, tons.	220,047	201,933	110,769
Light (leg or web, less than 3 inches), total tons.	448,754	509,579	132,968
For sale—			
Tons.....	411,763	439,080	180,126
Value.....	\$21,852,887	\$26,723,300	\$7,214,353
Average per ton.....	\$53.05	\$54.65	\$55.45
Transferred for consumption in other plants of same company—			
Tons.....	4,001	12,676	336
Assigned value.....	\$214,819	\$580,168	\$18,332
Produced and consumed in same works, tons.	32,000	7,913	2,508
Reinforced-concrete bars (including twisted bars)—			
Establishments.....	40	43	36
For sale—			
Tons.....	640,204	613,291	200,779
Value.....	\$32,015,662	\$32,290,852	\$10,210,363
Average per ton.....	\$50.00	\$52.05	\$50.85
Transferred for consumption in other plants of same company—			
Tons.....	6,507	3,954	1,269
Assigned value.....	\$268,423	\$155,603	\$57,028

See footnotes at end of table

TABLE 5.—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1925, 1923, AND 1921—Continued

[See "Detailed statistics of products," p. 440.] [Ton, 2,240 pounds]

CLASS	1925	1923	1921
Finished rolled products and forgings—Continued.			
Merchant bars, mill shafting, etc., total tons—	5,443,911	6,004,384	1,823,046
Establishments—	180	147	135
Steel bars, total tons—	5,173,180	5,053,058	1,009,593
Open-hearth or Bessemer—			
For sale—			
Tons—	4,731,260	4,808,146	1,200,100
Value—	\$260,900,497	\$277,401,293	\$79,614,689
Average per ton—	\$55.15	\$50.00	\$56.65
Transferred for consumption in other plants of same company—			
Tons—	92,488	68,830	84,814
Assigned value—	\$4,400,186	\$3,589,300	\$3,215,561
Crucible-steel bars—			
For sale and interplant transfer—			
Tons—	9,087	23,387	7,180
Value—	\$4,403,887	\$11,294,065	\$3,487,187
Average per ton—	\$494.55	\$482.96	\$485.65
Electric-steel bars—			
For sale—			
Tons—	97,552	70,527	24,466
Value—	\$31,096,674	\$23,354,403	\$6,174,241
Average per ton—	\$318.75	\$305.20	\$252.35
Transferred for consumption in other plants of same company—			
Tons—	8,038	4,050	69
Assigned value—	\$622,977	\$817,804	\$16,057
Produced and consumed in same works (open-hearth, Bessemer, crucible-steel, and electric-steel bars), tons—			
Iron bars (merchant, etc.), total tons—			
For sale—			
Tons—	239,774	578,018	193,874
Value—	270,712	410,426	213,463
Average per ton—			
Transferred for consumption in other plants of same company—			
Tons—	231,613	383,000	203,889
Value—	\$15,308,075	\$28,710,084	\$14,050,191
Average per ton—	\$60.10	\$74.80	\$38.95
Produced and consumed in same works, tons—			
Wire rods, total tons—			
Establishments—			
For sale—			
Tons—	23,207	15,701	4,519
Value—	\$1,587,879	\$703,434	\$332,873
Average per ton—			
Produced and consumed in same works, tons—			
Spike and chain rods, total tons—			
Establishments—			
For sale and interplant transfer—			
Tons—	16,802	10,753	6,015
Value—	2,999,561	3,000,024	1,578,402
Average per ton—			
Transferred for consumption in other plants of same company—			
Tons—	412,810	544,700	351,070
Value—	\$20,185,372	\$26,420,268	\$17,216,245
Average per ton—			
Produced and consumed in same works, tons—			
Bolt and nut rods, etc., total tons—			
Establishments—			
For sale and interplant transfer—			
Tons—	1,894,264	1,854,988	912,169
Value—	177,059	214,823	113,150
Average per ton—			
Produced and consumed in same works, tons—			
Plates (No. 12 and thicker) not coated, total tons—			
Establishments—			
For sale and interplant transfer—			
Tons—	16,062	19,050	12,783
Value—	\$813,124	\$1,248,705	\$888,581
Average per ton—			
Produced and consumed in same works, tons—			
Crucible plate steel—			
For sale—			
Tons—	2,322	1,841	788
Value—	\$860,721	\$572,695	\$196,065
Average per ton—			
Saw plates—			
For sale and interplant transfer—			
Tons—	7,276	9,060	1,784
Value—	\$2,277,096	\$2,440,573	\$829,005
Average per ton—			

See footnotes at end of table

TABLE 5.—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1925, 1923, AND 1921—Continued.

[See "Detailed statistics of products," p. 440.] [Ton, 2,240 pounds]

CLASS	1925	1923	1921
Finished rolled products and forgings—Continued.			
Plates (No. 12 and thicker), not coated—Continued.			
Boiler and other plate, total tons—	3,948,048	4,294,698	1,719,476
For sale—			
Tons—	3,769,928	4,169,829	1,661,255
Value—	\$173,998,319	\$215,370,030	\$89,613,282
Average per ton—	\$46.15	\$51.05	\$53.95
Transferred for consumption in other plants of same company—			
Tons—	82,015	42,427	52,159
Assigned value—	\$3,526,067	\$2,071,043	\$2,184,524
Produced and consumed in same works, tons—	90,205	82,442	6,062
Sheets (No. 13 and thinner) not coated, total tons—	5,607,971	5,038,494	2,221,185
Establishments—	93	93	92
Plain, total tons—	3,960,117	3,548,800	1,439,666
For sale—			
Tons—	2,741,434	2,485,931	943,792
Value—	\$222,806,587	\$230,260,304	\$70,733,482
Average per ton—	\$81.25	\$92.65	\$84.50
Transferred for consumption in other plants of same company—			
Tons—	173,040	111,364	61,119
Assigned value—	\$11,631,089	\$8,482,571	\$4,481,265
Produced and consumed in same works, tons—	1,045,043	951,595	434,755
Black, for tinning, total tons—	1,047,674	1,489,604	781,409
Transferred for consumption in other plants of same company—			
Tons—		128,420	43,371
Assigned value—		\$10,396,878	\$5,026,876
Produced and consumed in same works, tons—	1,047,674	1,361,184	733,098
Skegs, total tons—	3,445,140	3,647,104	2,311,897
Establishments—	44	37	37
For sale—			
Tons—	499,657	506,952	202,509
Value—	\$20,597,237	\$26,876,050	\$12,035,804
Average per ton—	\$41.20	\$47.40	\$44.20
Transferred for consumption in other plants of same company—			
Tons—	789,631	815,652	389,406
Assigned value—	\$33,523,547	\$42,330,212	\$18,615,708
Produced and consumed in same works, tons—	2,104,861	2,264,500	1,620,982
Cotton ties—		4	4
Establishments—	5	4	4
For sale—			
Tons—	50,644	34,518	24,085
Value—	\$2,780,200	\$2,767,816	\$1,338,977
Average per ton—	\$54.90	\$80.20	\$55.60
Hoops, bands, and strips, total tons—	1,632,300	1,370,607	456,245
Establishments—	36	41	38
Hoop, band, or scroll—			
For sale and interplant transfer—			
Tons—	767,751	722,737	281,201
Value—	\$44,879,416	\$55,106,600	\$10,820,900
Average per ton—	\$58.45	\$76.25	\$70.45
Steel in strips and flat wire (not exceeding 5 inches in width or No. 15 wire gauge)—			
For sale and interplant transfer—			
Tons—	108,340	137,449	29,013
Value—	\$6,381,967	\$8,713,317	\$2,023,590
Average per ton—	\$58.90	\$63.40	\$60.75
Other strips—			
For sale and interplant transfer—			
Tons—	508,545	420,111	116,959
Value—	\$32,006,655	\$36,000,736	\$8,907,870
Average per ton—	\$62.95	\$85.70	\$76.15
Hoops, bands, and strips produced and consumed in same works, tons—	207,754	90,310	28,982
Nail and tack plate, total tons—	31,621	42,619	19,466
Establishments—	6	7	6
For sale and interplant transfer—			
Tons—	11,210	20,195	7,775
Value—	\$801,715	\$1,405,886	\$551,955
Average per ton—	\$71.45	\$74.05	\$74.85
Produced and consumed in same works, tons—	20,402	22,324	11,690
Axes, rolled or forged (car, locomotive, and other), total tons—	134,958	205,493	36,201
Establishments—	10	9	7
For sale and interplant transfer—			
Tons—	134,717	196,942	36,201
Value—	\$11,386,527	\$15,407,987	\$3,384,890
Produced and consumed in same works, tons—	241	8,551	-----

See footnotes at end of table

TABLE 5.—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1925, 1923, AND 1921—Continued
[See "Detailed statistics of products," p. 440.] [Ton, 2,240 pounds]

CLASS	1925	1923	1921
Finished rolled products and forgings—Continued.			
Car and locomotive wheels, rolled or forged, total tons.	147,777	245,573	82,886
Establishments	8	9	9
For sale and interplant transfer—			
Tons	147,259	237,470	82,876
Value	\$15,344,886	\$23,345,170	\$10,775,222
Average per ton	\$104.20	\$98.30	\$180.00
Produced and consumed in same works, tons.	518	8,103	11
Armor plate and ordnance—			
Establishments	4	5	8
For sale—			
Tons	1,071	8,844	70,761
Value	\$424,208	\$1,021,094	\$39,074,731
Rolled and forged iron and steel products, not otherwise enumerated, total tons.	1,025,410	2,157,833	481,734
For sale—			
Tons	440,846	705,220	292,134
Value	\$48,730,500	\$79,452,695	\$20,605,723
Transferred for consumption in other plants of same company—			
Tons	362,670	241,447	68,571
Assigned value	\$19,809,431	\$13,221,700	\$5,497,908
Produced and consumed in same works, tons.	212,885	1,210,667	121,029
Scrap iron or steel, total tons.	13,317,433	11,800,134	5,440,172
For sale—			
Tons	1,500,029	1,382,984	724,107
Value	\$26,807,870	\$25,267,333	\$10,848,283
Average per ton	\$17.55	\$18.30	\$15.00
Transferred for consumption in other plants of same company—			
Tons	718,081	885,361	440,668
Assigned value	\$11,319,450	\$11,802,632	\$5,935,417
Produced and consumed in same works, tons.	11,058,723	9,081,790	4,276,397
Oilder, scale, copper rods, sulphate of iron, and miscellaneous products, other than iron and steel, value.			
Custom work and repairing, value.			
Value of further-manufactured products made in departments of steel works and rolling mills from finished rolling-mill and foundry products ^a .	\$957,048,941	\$922,940,528	\$583,178,817

¹ In addition, 130,411 tons of steel castings valued at \$23,894,740 were reported by foundries classified in the "Foundry and machine-shop products, not elsewhere classified" industry.

² See Table 10, p. 454, for more detailed distribution.

³ Not strictly comparable with figures for 1925, because of duplications in reports of establishments which re-rolled blooms into billets and slabs and reported this tonnage in both forms.

⁴ Not strictly comparable with figures for 1925, because of duplications in reports of establishments which reported the same tonnage in two or more forms.

⁵ The figures for 1923 and 1921 include data for an indeterminable amount of cold-rolled hoop, band, and strip steel, and therefore are not strictly comparable with those for 1925.

⁶ Tin plate and tornopllate (see table, p. 478); wire and wire products (see Table 5, p. 482); pipes and tubes; bolts and nuts; cut nails and spikes; galvanized plates, sheets, and strips; corrugated and polished sheets; switches, frogs, and crossings; ball and roller bearings; horseshoes; and springs (see Table 6, p. 449).

TABLE 6.—PRINCIPAL MANUFACTURES FROM ROLLING-MILL PRODUCTS—NUMBER OF ESTABLISHMENTS REPORTING, CLASS, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1925 AND 1923

[This table presents statistics showing the total production for all industries of certain specified classes of finished products made to a considerable extent in departments of steel works and rolling mills]

	1925	1923
Railroad spikes:		
Establishments	16	17
Kegs (200 pounds)	1,876,175	(1)
Value	\$10,804,572	\$10,182,403
Bolts, nuts, rivets, washers, etc., total value, all industries	\$100,182,403	\$118,738,786
Railroad bolts, nuts, rivets, washers, etc., made in rolling mills—		
Establishments	25	27
Kegs (200 pounds)	1,249,904	(4)
Value	\$12,161,638	\$4,436,295
Other bolts, nuts, rivets, washers, etc., made in rolling mills—		33
Establishments	11	4,436,295
Kegs (200 pounds)	909,642	\$43,484,063
Value	\$11,158,392	\$11,158,392
Bolts, nuts, rivets, washers, etc., not made in rolling mills—		
Establishments	162	142
Value	\$76,862,378	\$75,254,728
Cut and wrought nails and spikes, and tacks, total value, all industries	\$7,404,006	(1)
Cut nails and spikes made in rolling mills—		
Establishments	7	6
Kegs (100 pounds)	532,891	460,061
Value	\$1,735,290	\$1,682,584
Cut and wrought nails and spikes, and tacks, not made in rolling mills—		
Establishments	33	(1)
Value	\$5,618,716	\$5,618,716
Springs (except wire):		
Establishments	114	(1)
Value	\$40,817,697	\$40,817,697
Galvanized plates, sheets, and strips:		
Establishments	29	27
Tons (2,240 pounds)	885,268	747,430
Value	\$81,655,778	\$73,854,813
Sheets, corrugated and crimped:		
Establishments	13	13
Tons (2,240 pounds)	111,123	\$10,211,651
Value	\$10,211,651	\$10,211,651
Sheets, polished, planished, or glazed:		
Establishments	3	20
Tons (2,240 pounds)	65,569	\$15,255,378
Value	\$6,158,623	\$6,158,623
Wrought pipes and tubes, total value, all industries	\$369,054,254	\$369,142,221
Wrought welded—		
Boiler tubes made in rolling mills—		
Establishments	5	7
Tons (2,240 pounds)	52,319	80,161
Value	\$5,935,412	\$11,012,020
Casing, tubing, and drive and line pipe, made in rolling mills—		
Establishments	9	10
Tons (2,240 pounds)	938,819	1,224,357
Value	\$82,444,399	\$108,424,017
Other black pipe, made in rolling mills—		
Establishments	15	16
Tons (2,240 pounds)	968,049	1,080,762
Value	\$81,272,157	\$87,948,585
Galvanized pipe, made in rolling mills—		
Establishments	11	10
Tons (2,240 pounds)	383,744	334,056
Value	\$30,182,283	\$34,400,176
Seamless, made in rolling mills—		
Establishments	17	11
Tons (2,240 pounds)	505,619	302,815
Value	\$64,036,689	\$45,106,506

See footnotes at end of table

TABLE 6.—PRINCIPAL MANUFACTURES FROM ROLLING-MILL PRODUCTS—NUMBER OF ESTABLISHMENTS REPORTING, CLASS, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1925 AND 1923—Continued

[See note at head of this table.]

ITEM	CLASS	1925	1923
Wrought pipes and tubes—Continued.			
Wrought welded—			
Boiler tubes, not made in rolling mills—		3	
Establishments		10,481	
Tons (2,240 pounds)		\$1,316,757	
Value			
Casing, tubing, and drive and line pipe, not made in rolling mills—		29	
Establishments		(4)	
Tons (2,240 pounds)		\$32,030,055	
Value			
Other black pipe, not made in rolling mills—		7	50
Establishments		829,678	
Tons (2,240 pounds)		\$28,942,418	(4)
Value			\$82,250,017
Galvanized pipe, not made in rolling mills—		6	
Establishments		150,120	
Tons (2,240 pounds)		\$16,157,716	
Value			
Seamless, not made in rolling mills—		3	
Establishments		27,745	
Tons (2,240 pounds)		\$4,177,225	
Value			
Clinched, riveted, etc., not made in rolling mills—		11	
Establishments		(5)	
Tons		\$4,500,143	
Value			(4)
Switches, frogs, and crossings, total value, all industries		23,495,424	
Switches, frogs, and crossings, made in rolling mills—		8	15
Establishments		73,111	
Tons (2,240 pounds)		\$12,303,405	\$80,010
Value			\$13,469,493
Switches, frogs, and crossings, not made in rolling mills—		21	(4)
Establishments		121,119	
Tons (2,240 pounds)		\$10,102,019	
Value			(4)
Horse and mule shoes!		15	18
Establishments		400,895	
Kegs (200 pounds)		\$4,217,604	637,255
Value			\$7,879,393
Horse and mule shoe calks:		11	13
Establishments			
Value		\$1,108,590	\$1,200,217
Bearings, ball and roller:		51	(4)
Establishments			
Value		\$99,418,137	

¹ In addition to the manufactured products shown in this table, steel works and rolling mills reported the production of the following commodities: Cold-rolled steel, 323,364 tons, valued at \$33,761,453; fabricated structural steel, 218,255 tons, valued at \$16,703,180; iron castings, 384,989 tons, valued at \$16,453,304; machinery, \$5,424,082; nonferrous metal castings, \$4,024,800; shapes, pressed, stamped, etc., not advanced beyond pressing, 16,598 tons, valued at \$1,766,235; railroad and mine cars, valued at \$1,310,320; and miscellaneous products to the value of \$20,330,006. Data on the total output of these products for all industries are not available. For figures showing the production of tin plate and terneplate and wire and wire products, including those made in departments of steel works and rolling mills, see table p. 478 and Table 6, p. 432.

² Not reported separately; included with bolts, nuts, rivets, washers, etc., made in rolling mills.

³ Includes railroad spikes, not reported separately.

⁴ No comparable data.

⁵ No tonnage data.

TABLE 7.—DISPOSITION (CONSUMPTION, TRANSFER, OR SALE) OF FINISHED ROLLED PRODUCTS AND FORGINGS, BY CLASS AND TONNAGE, FOR THE UNITED STATES: 1925

[Ton, 2,240 pounds]

CLASS	TOTAL (SHOWN IN TABLE 5)	PRODUCED AND CONSUMED IN SAME WORKS		FOR TRANSFER TO OTHER PLANTS OF SAME COMPANY		FOR SALE	
		Tonnage	Per cent of class total	Tonnage	Per cent of class total	Tonnage	Per cent of class total
All finished rolled products and forgings:							
1925	32,807,779	8,213,410	25.0	2,238,600	6.8	22,365,670	68.2
1923	134,461,787	9,076,267	25.3	2,310,540	6.7	23,005,684	67.0
1921	16,110,318	4,410,311	20.2	1,143,529	7.6	9,553,478	63.2
1919	25,512,547	5,951,262	23.4	2,207,838	8.6	17,343,747	68.0
Rails:							
Rolled or renewed rails	2,703,520	10,160	.4	15,420	.6	2,077,940	99.0
Wire rods	70,990	760	1.0			70,290	99.0
Rail joints and fastenings, tie-plates, etc.	818,096	3,388	.4	79,555	9.7	735,163	80.9
Structural shapes (not assembled or fabricated):							
3,065,232	252,137	6.9		159,774	4.3	3,263,321	88.8
Reinforced-concrete bars. (Including twisted bars):							
646,747	36	(1)		6,507	1.0	640,204	99.0
Merchant bars, mill shafting, etc.	6,443,611	265,576	4.7	110,009	2.2	5,039,320	93.1
Bolt and nut rods, spike and chain rods, etc.	380,302	318,972	83.3			63,330	16.7
Wire rods	2,003,551	1,394,204	63.1	412,810	13.8	602,447	23.1
Plates (No. 12 and thicker)	3,052,646	90,205	2.8	83,680	2.1	3,778,752	95.6
Sheets, plain (No. 13 and thinner):	3,060,117	1,045,043	20.4	173,040	4.4	2,741,434	69.2
Sheets, black, for tinning	1,647,674	1,647,674	100.0				
Skelp:							
3,445,140	2,164,801	62.8		780,631	22.7	499,657	14.5
1,733,043	207,754	17.2		35,901	2.1	1,399,398	80.7
Hoops, bands, strips, and cotton ties	31,621	20,402	64.5			600	1.9
Nail and tack plate							
Axles, rolled or forged	134,955	241	.2	4,262	3.1	130,455	96.7
Car and locomotive wheels, rolled or forged	147,777	518	.4	4,823	3.2	142,436	96.4
Armor plate and ordnance (gun forgings, shells, projectiles, etc.)	1,071					1,071	100.0
All other	1,025,374	212,810	20.7	362,670	35.4	440,840	49.9

¹ Includes some duplication, due to double rolling.² Less than one-tenth of 1 per cent.

TABLE 8.—FINISHED ROLLED PRODUCTS AND FORGINGS—PRODUCTION, BY STATES: 1919 TO 1925

[Ton, 2,240 pounds]

STATE	1925	1923	1921	1919	PER CENT DISTRIBUTION			
					1925	1923	1921	1919
United States	32,807,779	134,461,787	16,110,318	25,512,547	100.0	100.0	100.0	100.0
Pennsylvania	12,353,333	14,881,080	6,470,077	12,143,217	37.7	43.2	42.8	47.0
Ohio	7,043,389	7,270,505	3,080,996	4,054,114	23.3	21.1	20.4	19.5
Indiana	4,067,063	3,820,694	2,057,179	2,657,207	12.4	11.1	13.8	10.4
Illinois	2,555,038	2,610,421	1,129,337	1,850,303	7.8	7.6	7.5	6.5
New York	1,260,094	1,584,366	514,387	934,785	3.8	4.6	3.4	3.7
Alabama	1,133,240	1,087,981	562,529	689,109	3.6	3.2	3.7	2.7
West Virginia	930,887	900,714	582,830	685,520	2.9	2.6	2.5	2.7
Maryland	627,162	428,188	101,647	108,872	1.9	1.2	.7	.8
All other States	2,149,683	1,849,869	781,330	1,567,645	6.6	5.4	5.2	6.1

¹ Includes some duplication, due to double rolling.² In order of rank, 1925: Colorado, Kentucky, California, New Jersey, Massachusetts, Missouri, Wisconsin, Minnesota, Delaware, Connecticut, Georgia, Washington, Michigan, Tennessee, Rhode Island, Virginia, Maine, Utah, Iowa, and Louisiana.

TABLE 9.—NUMBER OF ESTABLISHMENTS MANUFACTURING SPECIFIED PRODUCTS, BY STATES: 1925

DIVISION AND STATE		Steel castings									
		Steel ingots					Steel bars				
Established in	Number of establish- ments	Total number of establish- ments					Total number of establish- ments				
		Manufacturing	Trade	Trade	Trade	Trade	Manufacturing	Trade	Trade	Trade	Trade
UNITED STATES:											
1825	473	38	129	40	24	48	65	91	25	44	36
1823	480	36	147	43	27	51	118	34	37	41	10
1821	494	30	135	36	41	46	119	41	37	33	9
1919	500	16	24	33	(1)	49	135	32	38	34	7
NEW ENGLAND:											
Maine	1										
Massachusetts	14										
Rhode Island	2										
Connecticut	2										
MIDDLE ATLANTIC:											
New York	29	1	2	1	13	3	2	6	3	1	1
New Jersey	15	1	1	9	1	4	1	1	1	1	1
Pennsylvania	171	4	1	6	17	50	9	13	31	26	9
EAST NORTH CENTRAL:											
Ohio	86	1	1	3	5	14	4	2	10	16	37
Indiana	23	2	2	3	7	2	2	2	3	6	6
Illinois	33	1	3	3	2	9	3	1	4	2	1
Michigan	8	1	1	1	1	1	1	1	1	1	1
Wisconsin	12	1	1	1	1	1	1	1	1	1	1
WEST NORTH CENTRAL:											
Minnesota	3										
Iowa	2										
Missouri	6										
SOUTH ATLANTIC:											
Delaware	4										
Maryland	1										
Virginia	2										
West Virginia	16	1	1	1	1	2	1	1	2	7	5

	EAST SOUTH CENTRAL:	MOUNTAIN AND PACIFIC:	WEST SOUTH CENTRAL:	WEST NORTH CENTRAL:	WEST COAST:
Kentucky	6	2	1	2	1
Tennessee	9	3	1	2	1
Alabama	1	2	4	3	1
Louisiana	1	1	1	1	1
Oklahoma	1	1	1	1	1
MOUNTAIN AND PACIFIC:					
Colorado	2	1	1	1	1
Utah	1	1	1	1	1
Washington	6	1	1	1	1
Oregon	1	3	4	5	4
California	11	1	1	1	2

¹No data.

TABLE 10.—STEEL PRODUCTION—QUANTITY, BY CLASS, FOR THE UNITED STATES: 1919 TO 1925
[Ton 2,240 pounds]

CLASS	1925	1923	1921	1919
Total tons.....	45,119,113	44,521,424	10,270,482	34,026,970
Open-hearth.....	37,000,740	36,124,153	15,188,253	20,726,036
Basic.....	37,056,831	36,011,015	14,770,701	25,709,536
Acid.....	868,915	1,113,138	408,652	1,016,500
Bessemer.....	6,701,873	7,937,386	3,047,931	9,946,939
Electric or electrically refined.....	488,051	420,408	137,381	280,759
Crucible.....	19,443	39,417	5,807	64,246
Ingots.....	44,111,200	43,401,415	18,804,516	33,280,930
Open-hearth.....	37,108,918	35,193,044	14,848,436	26,099,319
Basic.....	36,042,882	34,565,102	14,038,772	25,444,169
Acid.....	466,036	282,752	244,004	655,150
Bessemer.....	6,070,127	7,809,705	3,920,862	6,001,315
Electric or electrically refined.....	313,584	260,176	89,509	226,277
Crucible.....	18,571	38,500	5,010	63,028
Direct steel castings.....	1,007,913	1,120,000	414,966	737,040
Open-hearth.....	800,828	930,209	389,817	626,717
Basic.....	412,909	445,823	175,929	205,867
Acid.....	387,829	484,386	103,888	361,350
Bessemer.....	31,746	37,591	27,119	45,024
Electric or electrically refined.....	174,467	161,292	47,782	63,482
Crucible.....	372	917	248	1,217

CLASS	PER CENT OF INCREASE OR DECREASE (-)			PER CENT DISTRIBUTION			
	1923-1925			1925	1923	1921	1919
	1922-1923	1921-1923	1919-1921				
Total tons.....	1.3	130.9	-43.3	100.0	100.0	100.0	100.0
Open-hearth.....	4.9	137.8	-43.2	84.0	81.1	78.8	78.5
Basic.....	5.8	136.9	-42.5	82.1	78.6	76.7	75.5
Acid.....	-23.3	172.5	-69.8	1.0	2.5	2.1	3.0
Bessemer.....	-15.6	101.0	-43.2	14.9	17.8	20.5	20.4
Electric or electrically refined.....	16.1	206.1	-52.6	1.1	.9	.7	.9
Crucible.....	-50.7	571.8	-90.0	(1)	.1	(1)	.2
Ingots.....	1.6	130.1	-43.3	100.0	100.0	100.0	100.0
Open-hearth.....	5.4	137.0	-43.1	84.1	81.1	78.7	78.4
Basic.....	6.0	136.7	-42.6	83.1	79.6	77.4	76.4
Acid.....	-25.9	157.0	-62.7	1.0	1.5	1.3	2.0
Bessemer.....	-15.6	101.5	-43.2	15.1	18.2	20.8	20.7
Electric or electrically refined.....	16.5	200.4	-60.4	.7	.6	.5	.7
Crucible.....	-51.8	585.2	-91.1	.1	.1	(1)	.2
Direct steel castings.....	-10.0	169.9	-43.7	100.0	100.0	100.0	100.0
Open-hearth.....	-13.9	173.7	-45.8	79.5	83.0	81.9	85.0
Basic.....	-7.4	153.4	-33.7	41.0	39.8	42.4	36.0
Acid.....	-19.9	195.6	-54.6	88.5	43.2	39.5	49.0
Bessemer.....	-15.5	38.6	-40.6	3.2	3.4	6.5	6.2
Electric or electrically refined.....	15.3	216.6	-24.7	17.3	13.5	11.5	8.6
Crucible.....	-4.0	200.8	-79.6	(1)	.1	.1	.2

¹ Less than one-tenth of 1 per cent.

TABLE 11.—STEEL PRODUCTION—QUANTITY, BY CLASS AND BY STATES: 1919 TO 1925
[Ton, 2,240 pounds]

STATE	ALL CLASSES, TONS			
	1925	1924	1921	1919
Total	45,119,113	44,521,424	19,279,482	34,026,970
California	311,932	222,030	97,048	139,886
Delaware	180,925	124,040	45,219	104,827
Illinois	3,020,761	3,568,894	1,509,205	2,012,204
Indiana	5,256,977	4,570,772	2,348,626	3,133,640
Massachusetts	161,932	104,658	84,004	188,587
Michigan	17,069	19,625	6,368	24,754
New Jersey	144,072	187,869	79,848	204,150
New York	1,717,258	1,900,616	590,898	1,190,881
Ohio	11,853,043	11,299,900	4,727,258	8,175,088
Pennsylvania	16,481,017	17,716,499	8,074,149	15,308,086
Washington	74,911	76,522	(1)	(1)
West Virginia	1,021,139	958,608	157,553	331,407
Wisconsin	45,908	47,261	10,476	32,821
All other States	2,428,151	3,658,160	1,449,936	2,570,753
Open-hearth	37,909,746	30,124,153	15,188,253	26,726,036
California	294,112	201,289	87,832	135,415
Illinois	2,817,644	2,458,214	1,087,860	1,061,073
Indiana	4,982,294	4,328,490	2,311,793	3,121,344
Massachusetts	156,845	162,125	83,614	133,746
New Jersey	124,508	109,701	64,106	133,168
New York	1,008,583	1,771,476	569,618	1,074,444
Ohio	8,770,702	8,156,636	3,000,006	5,078,637
Pennsylvania	13,990,897	14,488,819	6,371,913	12,598,507
West Virginia	674,523	552,200	58,473	94,078
All other States	4,480,050	3,855,203	1,484,088	2,595,024
Bessemer	6,701,873	7,937,386	3,947,981	6,946,939
Electric and crucible	507,404	459,886	143,248	354,004
California	17,820	20,454	7,800	4,451
Illinois	60,808	56,955	10,127	50,121
Massachusetts	5,587	2,533	390	1,481
Michigan	8,547	7,241	2,212	9,328
New York	85,770	80,960	8,434	63,668
Ohio	127,446	110,724	48,245	58,063
Pennsylvania	129,089	115,079	41,477	126,187
All other States	65,521	56,030	24,563	40,705

¹No data.

¹ Alabama, Maryland, Colorado, Kentucky, Minnesota, Missouri, Connecticut, Georgia, Rhode Island, Utah, Iowa, Oregon, Oklahoma, Virginia, and Louisiana (named in order according to tonnage for 1925). Some of these States outranked some of those shown separately. (See headnote, Table 20, p. 460.)

CENSUS OF MANUFACTURES: 1925

TABLE 12.—STEEL PRODUCTION FOR CONSUMPTION AND FOR SALE—QUANTITY, BY CLASS, FOR THE UNITED STATES: 1919 TO 1925

[Ton, 2,240 pounds]

CLASS	Census year	Total, tons	FOR CONSUMPTION BY PRODUCING COMPANY			For sale
			Total	In works where produced	In other works of same company	
Total	1925	145,119,113	44,122,705	43,046,262	478,443	998,408
	1923	44,521,424	43,378,485	42,916,817	401,068	1,142,039
	1921	19,270,482	18,820,211	18,552,776	287,485	459,271
	1919	64,020,979	68,126,598	32,615,754	513,844	807,381
Open-hearth	1925	87,909,746	37,112,022	30,715,050	306,336	797,724
	1923	36,124,183	35,164,982	34,817,779	347,203	959,171
	1921	16,188,268	14,803,837	14,056,004	147,833	384,416
	1919	26,726,036	25,951,330	25,627,498	323,837	774,706
Basic	1925	37,055,831	36,574,398	36,218,618	355,780	481,433
	1923	36,011,015	34,408,701	34,174,704	293,987	542,314
	1921	14,770,701	14,543,176	14,410,177	132,999	236,526
	1919	26,709,536	25,291,989	24,984,664	307,835	417,547
Acid	1925	853,916	537,624	497,068	40,656	318,291
	1923	1,113,138	690,281	643,075	53,206	410,857
	1921	408,562	260,661	245,827	14,834	147,891
	1919	1,016,560	659,341	642,839	16,502	357,169
Bessemer	1925	6,701,873	6,670,607	6,605,800	64,807	31,268
	1923	7,987,386	7,899,666	7,790,466	109,200	37,720
	1921	3,947,981	3,921,406	3,803,362	118,044	29,575
	1919	6,946,939	6,891,706	6,703,560	188,146	55,233
Electric or electrically refined	1925	488,061	321,911	307,573	14,338	166,140
	1923	420,468	279,038	271,083	4,056	144,430
	1921	137,381	90,002	88,576	1,426	47,379
	1919	289,759	223,664	222,228	1,426	66,105
Crucible	1925	19,443	18,165	17,203	962	1,278
	1923	39,417	37,799	37,480	310	1,018
	1921	6,867	4,900	4,834	182	601
	1919	64,245	62,908	62,473	435	1,397

¹ Includes duplex steel (semifinished in Bessemer converters and finished in open-hearth or electric furnaces), 2,802,161 tons, and alloy steel (see Table 13), 2,125,036 tons.

TABLE 13.—PRODUCTION OF ALLOY STEEL—QUANTITY, BY CLASS, FOR THE UNITED STATES: 1919 TO 1925

[Ton, 2,240 pounds]

CLASS	1925	1923	1921	1919	PER CENT DISTRIBUTION			
					1925	1923	1921	1919
Number of establishments	98	71	60	82				
Production, tons	2,125,036	1,270,920	482,715	1,212,878	100.0	100.0	100.0	100.0
Open-hearth	1,837,371	1,120,781	424,386	993,015	86.5	88.9	87.0	79.9
Basic	1,753,102	1,011,221	386,675	844,852	82.5	79.6	80.1	68.0
Acid	84,260	118,560	37,711	148,163	4.0	9.3	7.8	11.9
Bessemer	35,297	28,256	11,502	30,618	1.6	2.2	2.4	2.5
Crucible and electric	232,368	112,892	40,767	219,246	11.9	8.0	9.7	17.0
Ingots	2,038,508	1,187,089	460,603	1,203,600	95.9	93.5	95.4	96.8
Castings	86,438	82,940	22,022	39,260	4.1	6.5	4.6	3.2

TABLE 14.—STEEL-FURNACE CAPACITY (ACTIVE ESTABLISHMENTS) AND PRODUCTION, FOR THE UNITED STATES, 1919 TO 1925, AND FOR STATES, 1925

[Ton, 2,240 pounds]

STATE	Daily capacity (24 hours), tons	Production during year, tons	PER CENT DISTRIBUTION	
			Capacity	Production
United States:				
1925	204,761	45,119,113	100.0	100.0
1923	193,247	44,521,424		
1921	194,062	19,279,482		
1919	193,115	34,026,979		
Pennsylvania	81,805	16,481,017	40.0	36.5
Ohio	44,836	11,853,043	21.9	20.3
Illinois	18,922	3,620,761	9.2	8.0
Indiana	15,447	5,256,977	7.5	11.6
New York	10,514	1,717,258	5.1	3.8
Alabama	8,207	(1)	4.0	
Maryland	4,984	(1)	2.4	
West Virginia	4,025	1,021,130	2.0	2.3
Colorado	3,164	(1)	1.5	
Kentucky	2,200	(1)	1.1	
California	1,607	311,932	.8	.7
Delaware	1,536	180,025	.8	.4
Minnesota	1,529	(1)	.7	
New Jersey	1,397	144,072	.7	.3
Missouri	1,164	(1)	.6	
Massachusetts	1,068	161,032	.5	.4
Wisconsin	494	46,906	.2	.1
Washington	379	74,911	.2	.2
Connecticut	355	(1)	.2	
Michigan	348	17,989	.2	(1)
Georgia	300	(1)	.1	
Rhode Island	180	(1)	.1	
Utah	143	(1)	.1	
All other States	177	8,423,251	.1	9.4

¹ Included in "All other States" to avoid disclosing operations of individual establishments.

² Less than one-tenth of 1 per cent.

³ Includes production of States indexed to footnote 1. Some of these States outranked some of those shown separately. (See headnote, Table 20, p. 480.)

TABLE 15.—METAL MIXERS—NUMBER AND CAPACITY, BY STATES: 1925, 1923, AND 1921

[Ton, 2,240 pounds]

STATE	1925		1923		1921	
	Number	Capacity, tons	Number	Capacity, tons	Number	Capacity, tons
Total	98	44,736	98	43,785	89	40,930
Alabama	2	850	2	850	3	1,250
California	3	125	3	125		
Colorado	4	850	4	850	4	850
Illinois	9	3,250	9	3,250	9	3,250
Indiana	7	3,900	7	3,900	7	3,900
Maryland	3	2,550	3	2,550	4	2,630
Minnesota	1	600	1	600	1	600
New York	5	2,150	5	2,350	5	2,350
Ohio	19	7,875	18	7,450	17	5,900
Pennsylvania	38	21,036	39	20,260	38	19,950
West Virginia	2	1,550	2	1,550	1	250

TABLE 16.—CONVERTERS (ACTIVE ESTABLISHMENTS)—NUMBER AND CAPACITY,
BY CLASS, 1925 AND 1923, AND BY STATES, 1925
[Ton, 2,240 pounds]

CLASS, STATE, AND CENSUS YEAR	Number of establishments	Number of converters	Daily capacity (24 hours), tons	CLASS, STATE, AND CENSUS YEAR	Number of establishments	Number of converters	Daily capacity (24 hours), tons
United States, total:				Total, by States: 1925			
1925	47	102	55,280	Pennsylvania	16	30	18,098
1923	49	105	57,723	Ohio	13	23	14,403
Bessemer:				Illinois	3	8	7,000
1925	34	81	54,950	Indiana	2	4	5,250
1923	31	77	57,240	Alabama	1	3	2,900
Tréponas:				New York	1	4	2,600
1925	8	14	167	Colorado	1	1	1,044
1923	18	21	338	West Virginia	2	4	1,630
Other: ¹				Maryland	1	3	1,500
1925	5	7	172	New Jersey	1	2	150
1923	5	7	145	California	1	2	80
				Michigan	2	4	70
				Delaware	2	4	34
				Oregon	1	1	25

¹ Brotaud, Deemer, Stoughton, and Whiting.

TABLE 17.—STEEL FURNACES, OPEN-HEARTH (ACTIVE ESTABLISHMENTS)—
NUMBER AND CAPACITY, BY CLASS, 1925 AND 1923, AND BY STATES, 1925
[Ton, 2,240 pounds]

CLASS, STATE, AND CENSUS YEAR	Number of establishments	Number of furnaces	Daily capacity (24 hours), tons	CLASS, STATE, AND CENSUS YEAR	Number of establishments	Number of furnaces	Daily capacity (24 hours), tons
United States:				Total, by States: 1925—Con.			
1925	158	1,141	144,600	West Virginia	3	13	2,376
1923	158	1,135	131,658	Kentucky	2	14	2,200
Basic:				Colorado	1	15	1,480
1925	110	887	130,266	Delaware	2	11	1,480
1923	110	978	125,935	Minnesota	1	10	1,479
Acid:				California	5	19	1,300
1925	63	154	8,433	Missouri	3	14	1,140
1923	64	157	7,723	New Jersey	4	18	1,051
Total, by States: 1925				Massachusetts	5	15	1,020
Pennsylvania	62	518	62,454	Connecticut	1	3	350
Ohio	25	206	20,581	Washington	1	4	320
Illinois	12	81	11,081	Georgia	1	3	300
Indiana	8	92	10,165	Wisconsin	2	4	225
New York	10	54	7,460	Michigan	2	4	180
Alabama	3	19	5,261	Rhode Island	1	3	150
Maryland	2	18	3,484	Utah	1	2	143
				Iowa	1	1	35

TABLE 18.—CRUCIBLE-STEEL FURNACES (ACTIVE ESTABLISHMENTS), BY STATES: 1925

[Ton, 2,240 pounds]

STATE AND CENSUS YEAR	Number of establishments	Number of furnaces	Number of pots	Daily capacity (24 hours), tons
United States:				
1925-----	23	70	1,334	390
1923-----	31	100	2,175	649
States: 1925				
Pennsylvania.....	9	23	688	197
New York.....	4	18	252	90
New Jersey.....	3	11	200	51
Illinois.....	1	3	90	24
Michigan.....	1	6	12	11
Indiana.....	1	6	48	6
Massachusetts.....	3	6	36	6
Connecticut.....	1	2	8	5

TABLE 19.—ELECTRIC-STEEL FURNACES (ACTIVE ESTABLISHMENTS), BY STATES: 1925

STATE AND CENSUS YEAR	Number of establishments	Number of furnaces	Daily capacity (24 hours), tons	STATE AND CENSUS YEAR	Number of establishments	Number of furnaces	Daily capacity (24 hours), tons
United States:				States: 1925—Con.			
1925-----	111	178	4,883	Alabama.....	2	2	46
1923-----	96	156	3,217	Massachusetts.....	4	5	42
States: 1925				Virginia.....	1	2	42
Pennsylvania.....	33	50	1,056	Colorado.....	1	2	40
Illinois.....	8	17	847	Indiana.....	2	2	26
Ohio.....	13	23	847	Oregon.....	1	1	25
New York.....	10	23	458	Missouri.....	1	2	24
Wisconsin.....	9	11	269	Oklahoma.....	1	1	24
California.....	6	9	227	Delaware.....	1	1	22
New Jersey.....	3	8	145	Iowa.....	1	1	20
Michigan.....	4	6	78	West Virginia.....	1	1	20
Washington.....	5	5	59	Rhode Island.....	1	1	10
Minnesota.....	3	50	50	Louisiana.....	1	1	6

¹ 99 Heroult furnaces, of 2,804 tons; 30 Moore, 689 tons; 13 Snyder, 254 tons; 6 Ludlum, 140 tons; 6 Greaves-Etchells, 106 tons; 2 Industrial, 52 tons; 4 Greeno, 50 tons; 2 Webb, 42 tons; 2 Booth-Hall, 40 tons; 2 Swindell, 36 tons; 1 Girod, 1 Rockwell, 1 Newkirk, 1 Gronwall-Dixon, 1 Rechnerfelt, 1 Vom Baur and 6 not specified by type, with a combined capacity of 170 tons.

TABLE 20.—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, BY STATES: 1925 AND 1923

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the States shown in combination, however, out-ranked some of those shown separately. (See "Detailed statistics of products," p. 440.) For more detailed statistics for the United States as a whole, see Table 5, p. 444.]

[Ton, 2,240 pounds]

CLASS AND STATE	1925			1923		
	Total tonnage including that produced and consumed in same works	For sale or transferred for consumption in other plants of same company		Total tonnage including that produced and consumed in same works	For sale or transferred for consumption in other plants of same company	
		Tons	Value		Tons	Value
Dollars 2,046,008,231			Dollars 3,154,324,671			
Products, total value.						
Unrolled steel: Steel production.	45,119,113			44,521,424		
Ingots.	44,111,200	536,139	10,300,029	43,401,415	550,891	18,884,018
Alabama, Georgia	1,612,058	(1)	(1)	1,306,215	(1)	(1)
California, Colorado, Utah, Washington	950,360	(1)	(1)	721,051	(1)	(1)
Connecticut, Massachusetts, Rhode Island	230,390	(1)	(1)	251,928	(1)	(1)
Delaware, Maryland, New Jersey	1,312,188	(1)	(1)	944,757	(1)	(1)
Illinois	3,480,447	2,706	96,819	3,458,803	4,054	144,133
Indiana	5,192,002	(1)	(1)	4,492,882	(1)	(1)
Kentucky, Virginia, West Virginia	1,454,691	(1)	(1)	1,351,513	(1)	(1)
Minnesota, Missouri	378,208	(1)	(1)	538,466	(1)	(1)
New York	1,671,071	(1)	(1)	1,848,112	(1)	(1)
Ohio	11,697,836	104,281	2,838,684	11,096,086	46,197	1,152,080
Pennsylvania	16,125,333	200,021	7,030,655	17,301,647	339,198	10,973,464
Direct steel castings.	1,007,913	937,712	144,414,553	1,120,039	1,053,716	162,610,726
Alabama, Louisiana, Oklahoma	3,982	832	605,002	4,826	4,481	692,011
California	19,604	18,720	3,202,515	22,108	21,833	3,815,702
Colorado, Oregon, Washington	9,103	1,189	1,681,908	21,002	21,902	2,528,481
Connecticut, Massachusetts, Rhode Island	17,772	17,369	3,493,408	24,700	24,302	4,020,040
Delaware, Maryland, Virginia, West Virginia	23,682	19,475	2,697,577	22,263	20,222	3,857,305
Illinois	190,314	180,684	29,833,340	110,081	105,363	20,095,182
Indiana	84,068	55,058	7,761,199	77,800	69,160	9,003,700
Iowa, Minnesota, Missouri	45,401	44,850	5,269,308	70,787	70,388	9,128,204
Michigan	17,980	17,877	3,731,565	10,625	10,625	4,347,894
New Jersey	12,638	12,683	3,441,647	21,240	21,240	4,708,331
New York	45,587	46,156	8,889,063	58,504	58,119	7,813,766
Ohio	155,207	153,685	22,285,682	203,804	197,723	20,816,845
Pennsylvania	335,684	306,505	45,282,002	414,852	374,702	53,344,658
Wisconsin	46,903	43,830	8,140,420	47,261	45,026	8,148,027
Semifinished rolled products.	40,248,654	11,387,735	405,411,522	241,921,479	11,434,419	455,400,389
Blooms, billets, and slabs, steel (except for forging).	32,326,135	6,827,817	243,333,529	34,577,185	7,133,140	280,001,754
Alabama, Georgia, Kentucky, Virginia, West Virginia	2,133,422	518,222	18,480,905	2,001,903	637,179	24,740,104
California, Colorado, Utah, Washington	770,274	2,114	90,535	594,342	6,687	283,786
Connecticut, Massachusetts, Rhode Island	227,887	2,978	124,213	212,005	9,774	451,449
Delaware, Maryland, New Jersey	972,326	66,454	3,463,607	1,089,921	70,053	2,745,919
Illinois	2,710,031	903,340	34,769,261	2,637,581	3,064,002	700,506
Indiana	3,580,735	321,426	403,206	403,206	28,444,553	
Minnesota, Missouri, Wisconsin	1,092,064	110,880	4,190,097	1,874,123	130,534	5,792,558
New York	7,027,380	3,286,932	112,608,137	9,077,098	3,020,510	117,470,917
Ohio	11,980,691	1,906,897	69,597,774	13,443,005	2,580,891	100,702,458
Rolled blooms and billets for forging.	250,937	163,071	7,282,550	254,585	134,748	8,521,695
Maryland, New Jersey, Pennsylvania	71,422	36,469	1,856,301	66,391	(1)	(1)
New York, Ohio	46,321	11,274	921,447	24,900	22,210	3,518,898
Illinois, Indiana, Kentucky	120,724	105,325	4,504,811	137,122	85,040	3,632,926
All other States.	18,470			26,772	26,592	1,369,902

See footnotes at end of table

TABLE 20.—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, BY STATES: 1925
AND 1923—Continued.

[See note at head of this table]

[Ton, 2,240 pounds]

CLASS AND STATE	1925			1923		
	Total tonnage including that produced and consumed in same works	For sale or transferred for consumption in other plants of same company		Total tonnage including that produced and consumed in same works	For sale or transferred for consumption in other plants of same company	
		Tons	Value		Tons	Value
Semifinished rolled products—Con-			Dollars			Dollars
Hammered charcoal blooms, bil-	68,778	2,576	271,666	103,873	4,371	371,678
lets, etc.	65,043	2,570	271,666	96,130	4,371	371,678
Pennsylvania	3,735			7,743		
All other States						
Sheet and tin-plate bars	7,135,000	4,350,847	161,755,182	6,333,068	4,068,247	159,810,719
California, New York	143,130					
Kentucky, Maryland, West						
Virginia						
Illinois, Indiana, Minnesota	1,074,912	624,780	20,889,211	717,873	838,286	13,007,379
Ohio	1,009,155	1,954,477	67,502,821	911,464	561,291	21,613,348
Pennsylvania	3,059,887	1,281,328	45,996,315	2,888,184	1,038,628	77,503,219
Muck and scrap bar	1,848,915	400,805	68,424	1,820,547	1,235,042	47,886,773
Alabama, Kentucky, Tennessee,	22,178			652,768	98,913	6,004,543
Virginia, West Virginia						
California, Connecticut, Maine,	6,752					
Massachusetts, Missouri	28,009					
Illinois	35,627	(1)	(1)			
Indiana	21,783					
Maryland, New Jersey	35,888					
New York	70,401					
Ohio	239,507	44,097	2,226,108	334,403	84,666	5,157,032
Pennsylvania						
Finished rolled products and forg-						
ings	32,807,779	24,594,360	1,379,482,393	34,451,787	26,376,530	1,545,627,749
Alabama, Georgia, Louisiana,	1,294,934	1,082,189	48,807,460	1,185,187	894,633	41,541,043
Tennessee						
California, Colorado, Utah,	761,458	598,600	31,425,837	563,577	453,275	25,959,193
Washington						
Connecticut, Maine, Massa-	258,289	208,444	12,369,111	249,204	221,687	16,420,036
chusetts, Rhode Island						
Delaware, Maryland, New	884,108	614,664	36,581,117	700,926	403,077	37,788,158
Jersey	2,555,038	2,131,765	111,462,240	2,610,421	2,242,319	121,411,582
Illinois	4,067,053	3,218,947	168,277,784	3,820,694	3,045,466	166,497,816
Indiana						
Iowa, Michigan, Minnesota,	338,223	277,327	19,107,429	384,778	311,354	10,160,550
Wisconsin	255,330	185,045	11,820,872	145,818	86,709	7,310,873
Kentucky	180,308	123,505	8,400,611	116,018	78,927	4,508,466
Missouri						
New York	1,260,004	1,116,065	75,008,328	1,584,356	1,428,088	91,577,008
Ohio	7,048,380	5,391,872	933,576,153	7,279,505	4,900,624	340,224,552
Pennsylvania	12,860,333	9,140,118	504,697,870	14,881,089	10,640,402	647,586,005
Virginia, West Virginia	978,222	540,750	30,337,572	921,804	543,969	38,532,467
Rails	2,703,520	2,698,360	114,334,375	2,747,805	2,727,615	118,643,755
Alabama, Colorado, Illinois,	1,545,670	1,543,712	65,803,275	1,484,917	1,482,083	61,073,930
Indiana, Wisconsin						
Maryland, New York, Ohio,						
Pennsylvania, West Virginia						
Rolled or renewed rails (not						
including rails rolled by						
makers of ingots from new						
seconds, defective new rails,						
etc.)						
Rail joints and fastenings; tie-	70,990	70,290	2,652,161	112,643	112,643	5,116,406
plates, etc.						
Alabama, Tennessee, Virginia,	818,096	814,708	46,723,816	771,794	768,431	43,192,852
West Virginia	113,468	113,468	5,494,778			
California, Colorado, Washing-	77,800	77,800	4,307,067	100,757	109,767	5,981,201
ton						
Illinois, Indiana, Missouri,	332,504	332,413	19,216,682	381,125	381,125	19,224,615
Wisconsin	98,918	98,918	6,329,045	94,553	94,553	6,686,342
New Jersey, New York, Ohio	105,408	102,109	11,375,644	186,359	182,996	11,300,694

See footnotes at end of table

TABLE 20.—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, BY STATES: 1925 AND 1923—Continued

[See note at head of this table]

[Ton, 2,240 pounds]

CLASS AND STATE	1925		1923	
	Total tonnage including that produced and consumed in same works	For sale or transferred for consumption in other plants of same company	Total tonnage including that produced and consumed in same works	For sale or transferred for consumption in other plants of same company
	Tons	Dollars	Tons	Dollars
Finished rolled products and forgings—Continued.				
Structural shapes (not assembled or fabricated)	3,665,282	3,413,005	3,505,479	3,290,638
Alabama, Georgia, Missouri	93,054	93,054	4,224,567	101,749,270
California, Utah, Washington	39,931	39,192	2,371,577	6,182,139
Illinois, Indiana, Minnesota, Wisconsin	869,252	881,920	36,482,241	803,090
New York, Ohio	197,354	197,354	10,815,754	847,597
Pennsylvania	2,405,041	2,260,976	100,970,189	2,320,334
Reinforced-concrete bars (including twisted bars)	646,747	646,711	32,284,085	618,375
Alabama, Georgia, Tennessee	83,127	83,127	3,952,225	617,246
California	100,098	100,096	5,783,078	50,804
Colorado, Maine, Utah, Washington	26,340	26,340	1,650,868	50,804
Illinois, Indiana	108,551	105,651	5,636,022	30,287
Minnesota, Missouri, Wisconsin	72,020	72,020	3,783,345	104,130
New Jersey, New York	63,680	63,644	2,885,166	45,092
Ohio, West Virginia	71,662	71,662	3,198,864	119,254
Pennsylvania	120,370	120,370	6,400,027	95,363
Steel bars (merchant, mill shafting, etc.)	5,173,199	4,033,425	301,604,071	75,133
Alabama, Georgia, Tennessee, Virginia, West Virginia	119,235	113,898	5,588,797	5,075,940
California	85,905	84,049	2,035,024	186,028
Colorado, Utah, Washington	65,587	65,587	3,732,421	105,648
Illinois	638,814	588,814	31,193,858	102,354
Indiana	820,243	791,183	40,873,149	44,237
Iowa, Michigan, Minnesota, Missouri, Wisconsin	146,667	146,667	8,703,187	671,523
Maine, Massachusetts, New Jersey	29,951	23,021	2,030,480	214,851
New York	472,093	459,034	37,977,228	10,707
Ohio	1,228,841	1,225,320	79,537,072	490,707
Pennsylvania	1,717,860	1,626,646	60,093,655	102,354
Iron bars (merchant, etc.)	270,712	254,910	16,895,054	305,800
Alabama, Tennessee, Virginia, West Virginia	16,067	16,067	930,225	2,842,823
California, Connecticut, Kentucky, Maine, Missouri	14,558	13,970	1,552,342	39,556,910
Illinois, Indiana	66,991	65,749	4,845,360	143,559
Maryland, New Jersey	20,936	20,140	1,468,630	143,787
New York, Ohio	30,171	20,202	2,500,487	24,100
Pennsylvania	93,000	88,726	5,035,909	24,100
Wire rods	2,000,551	1,105,257	54,713,506	2,100,742
Alabama, Georgia, Kentucky	184,060	1,128	53,197	2,000,049
California, Colorado, Minnesota, Missouri	148,184	11,802	507,073	240,532
Illinois, Indiana	579,885	205,018	9,452,477	31,008
Massachusetts, New Jersey, Rhode Island	219,525	115,213	7,206,685	1,454,224
New York	161,075	63,781	4,473,168	573,023
Ohio	717,343	404,951	18,618,035	12,615,803
Pennsylvania	699,003	303,304	14,312,236	472,045
Spike and chain rods	177,069	47,268	2,408,619	12,620,821
Bolt and nut rods, etc.	203,233	10,002	813,124	177,069
Plates (No. 12 and thicker), not coated	3,952,646	3,862,441	180,668,203	4,305,608
Crucible plate steel	2,322	2,322	800,721	4,223,166
Saw plates	7,276	7,276	2,277,096	572,006

See footnotes at end of table

TABLE 20.—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, BY STATES: 1925 AND 1923—Continued

[See note at head of this table]

[Ton, 2,240 pounds]

CLASS AND STATE	1926			1923		
	Total tonnage including that produced and consumed in same works	For sale or transferred for consumption in other plants of same company		Total tonnage including that produced and consumed in same works	For sale or transferred for consumption in other plants of same company	
		Tons	Value		Tons	Value
Finished rolled products and forgings—Continued.						
Plates, (No. 12 and thicker), not coated—Continued.						
Boiler and other plate—Alabama, California, Missouri, Washington	3,043,048	3,852,843	Dollars 177,524,386	4,294,008	4,212,256	Dollars 217,441,070
Delaware, Maryland, New Jersey, New York, West Virginia	90,551	90,551	4,137,784	402,246	401,125	21,930,772
Illinois, Indiana	376,004	328,765	15,250,462			
Ohio	929,018	929,097	42,627,252	983,554	982,975	48,747,430
Pennsylvania	606,185	595,027	29,537,500	501,616	485,616	29,816,020
Sheets (No. 13 and thinner), not coated—Plain	1,940,008	1,909,403	85,971,239	2,407,283	2,342,541	116,046,857
Alabama, California, Michigan	3,900,117	2,914,474	234,437,076	3,548,890	2,597,295	238,692,875
Kentucky, Missouri	100,697	70,045	7,383,285	134,395	64,340	5,748,640
Illinois, Indiana	260,829	155,206	11,177,200			
Maryland, New York	458,448	284,634	20,330,405	406,190	259,121	10,954,611
Ohio	233,004	214,190	18,766,813	198,760	171,085	10,979,468
Pennsylvania	2,040,609	1,558,714	122,903,473	1,876,704	1,398,741	127,404,331
West Virginia	604,428	495,433	41,120,573	736,976	544,224	54,551,660
Black, for tinning—Illinois, Indiana, Maryland	180,102	108,102	12,796,831	195,805	159,178	14,054,161
Ohio	1,647,674			1,489,004	128,420	10,396,878
Pennsylvania	306,519			288,350	(1)	(1)
West Virginia	255,047			245,201	(1)	(1)
Cloves, bands, and strips—Alabama, Georgia, West Virginia	788,501			771,397	(1)	(1)
Steel—Illinois, Indiana, New York, West Virginia, Wisconsin	200,647			184,656	(1)	(1)
Skelp—Illinois, Indiana, New York, West Virginia, Wisconsin	3,445,149	1,280,288	54,430,784	3,047,104	1,382,804	69,215,202
Ohio	705,918	324,865	12,501,151	614,171	262,939	12,492,917
Pennsylvania	1,674,199	672,004	23,085,068	813,748	700,983	83,339,428
Cotton ties—Illinois, Indiana	1,165,032	382,759	17,943,985	1,210,185	418,682	23,382,922
Hoops, bands, and strips—Alabama, Georgia, West Virginia	50,644	50,644	2,780,266	34,618	34,618	2,767,816
California, Connecticut, Massachusetts, New Jersey, New York, Rhode Island, Washington	1,082,300	1,384,045	83,268,038	1,370,007	1,280,207	99,829,553
Washington	210,604	158,956	8,714,023	148,503	147,587	12,994,473
Illinois, Indiana	124,619	93,470	5,875,262	83,608	75,432	6,279,456
Ohio	175,530	135,530	8,235,100	149,013	149,013	11,897,857
Pennsylvania	664,191	553,615	33,471,307	493,916	415,247	30,001,939
Nail and tack plate—Alabama, California, Colorado, Connecticut, Massachusetts, New Jersey, New York, Virginia, Washington, West Virginia	507,495	443,074	20,972,286	405,507	403,088	38,655,828
Axes, rolled or forged (car, locomotive, and other)	31,621	11,219	801,715	42,519	20,196	1,495,886
Wheels, car and locomotive, rolled or forged—Illinois, Indiana, Minnesota	184,958	134,717	11,380,527	205,493	196,942	15,407,967
Armor plate and ordnance—Ohio	147,777	147,250	15,344,886	245,573	237,470	23,345,170
Rolled and forged iron and steel products, not otherwise enumerated—Pennsylvania	1,071	1,071	424,208	8,844	8,844	1,921,094
Alabama, California, Colorado, Connecticut, Massachusetts, New Jersey, New York, Virginia, Washington, West Virginia	1,025,374	812,525	68,005,091	2,156,203	946,676	92,074,494
Connecticut, Massachusetts, New Jersey, New York	36,849	6,050	272,121	8,138	7,488	481,891
Illinois, Indiana, Minnesota	101,265	74,778	4,647,083	104,214	70,020	10,802,113
Ohio	156,662	129,284	8,448,051	166,348	150,048	12,686,004
Pennsylvania	108,353	84,127	4,078,600	65,905	33,697	8,152,661
	622,245	517,677	50,204,236	1,811,598	670,423	63,551,825

See footnotes at end of table

TABLE 20.—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, BY STATES: 1925
AND 1923—Continued

[See note at head of this table]

[Ton, 2,240 pounds]

CLASS AND STATE	1925			1923		
	Total tonnage including that pro- duced and con- sumed in same works	For sale or trans- ferred for con- sumption in other plants of same company		Total tonnage including that pro- duced and con- sumed in same works	For sale or trans- ferred for consump- tion in other plants of same company	
		Tons	Value		Tons	Value
Scrap iron or steel			Dollars			Dollars
Alabama, Georgia	18,317,433	2,218,710	37,627,326	11,300,134	2,218,335	37,099,965
California, Colorado, Kentucky, Michigan, Minnesota, Missouri, Oregon, Utah, Washington, Wis- consin	495,015	72,009	676,124	399,004	104,194	2,417,503
Connecticut, Massachusetts, Rhode Island	482,380	41,657	546,480	403,420	24,311	405,982
Delaware, Maryland, New Jersey	51,314	12,541	209,685	35,300	11,220	226,275
Illinois	301,401	21,607	463,810	190,035	5,407	98,106
Indiana	350,087	66,044	1,671,161	637,066	143,887	2,547,291
New York	1,645,402	224,184	3,744,783	1,071,361	164,053	2,729,365
Ohio	847,090	59,085	996,923	497,180	53,080	804,828
Pennsylvania	3,301,142	591,817	10,709,601	2,181,336	501,750	8,197,540
West Virginia	6,520,986	1,000,836	17,043,287	5,720,075	1,059,874	18,121,987
	292,728	97,270	1,806,462	263,143	99,350	1,491,043

CLASS AND STATE	VALUE		CLASS AND STATE	VALUE	
	1925	1923		1925	1923
Cinder, scale, copper rods, sulphate of iron and miscellaneous products, other than iron and steel	\$2,680,811	\$7,814,325	Further manufactured products, made in departments of steel- works and rolling mills from finished rolling-mill and foundry products	\$957,048,041	\$922,040,528
Alabama, Kentucky, Maryland, Tennessee, Virginia, West Virginia	210,507	888,341	Alabama	12,884,536	16,262,188
California, Delaware, Massachusetts, Michigan, New Jer- sey, Rhode Island	83,211	54,472	Colorado, Kentucky, Louisiana, Missouri	8,564,835	3,944,386
Illinois	207,879	600,870	Connecticut, Mass- achusetts, Rhode Island	21,660,055	21,260,542
Indiana	275,409	256,676	Delaware, Georgia, Maryland, Virginia	24,372,000	20,124,979
New York	71,263	82,181	Illinois	45,770,131	39,190,903
Ohio	737,988	573,980	Iowa, Michigan, Min- nesota, Wisconsin	81,022,162	59,874,652
Pennsylvania	1,100,544	4,867,997	New Jersey	8,809,068	10,022,151
Custom work and repair- ing	3,030,656	4,480,071	New York	39,728,349	42,901,922
Pennsylvania	2,150,856	2,606,350	Ohio	15,533,677	12,943,185
All other States	885,800	1,889,712	Pennsylvania	238,326,968	233,084,312
			West Virginia	389,808,705	401,040,715
				48,905,447	45,675,073

¹ Included in totals, but not shown separately in order to avoid disclosing operations of individual establishments.

² Not strictly comparable with figures for 1925 because of duplications. (See footnote 3, Table 5, p. 448.)

³ Not strictly comparable with figures for 1925 because of duplications. (See footnote 4, Table 5, p. 448.)

⁴ Not strictly comparable with figures for 1925. (See footnote 5, Table 5, p. 448.)

⁵ For classes of products included, see footnote 6, Table 5, p. 448.

TABLE 21.—GENERAL STATISTICS, BY STATES: 1925

[This table presents statistics for all States for which separate figures can be given without disclosing operations of individual establishments. Certain of the "All other States," however, reported larger values of products than some of the States shown separately.]

STATE	PERSONS ENGAGED IN THE INDUSTRY					Horse-power
	Number of establishments	Total	Proprietors and firm members	Salaried officers and firm employees	Wage earners (average number)	
United States	473	406,763	5	36,032	370,726	4,703,533
Alabama	9	8,720	—	1,051	7,669	142,415
California	11	4,618	—	393	4,225	46,580
Delaware	4	922	—	160	772	30,487
Illinois	33	27,889	—	3,019	24,870	312,439
Indiana	23	30,102	—	2,346	27,756	430,943
Kentucky	5	4,576	—	404	4,172	58,786
Michigan	8	2,143	—	215	1,928	13,202
Missouri	6	2,741	—	231	2,510	32,900
New Jersey	15	9,284	—	1,095	8,189	78,940
New York	20	17,175	—	1,523	15,651	277,932
Ohio	86	95,039	—	7,498	87,541	1,018,935
Pennsylvania	171	162,048	—	14,987	147,108	1,868,636
Washington	6	677	—	88	589	9,078
West Virginia	16	13,786	—	895	12,891	124,715
Wisconsin	12	3,537	—	372	3,165	21,652
All other States ¹	39	23,506	1	1,815	21,690	300,893
STATE	Salaries	Wages	Paid for contract work	Cost of materials	Value of products	Value added by manufacture ²
United States	\$60,904,510	\$614,984,082	\$2,875,079	\$1,811,961,218	\$2,046,008,281	\$1,134,107,013
Alabama	2,338,656	10,288,309	—	51,931,190	74,738,760	22,807,570
California	1,020,604	6,278,896	12,478	12,648,729	23,010,754	11,268,025
Delaware	403,654	1,400,627	20,000	5,170,956	7,842,341	2,671,385
Illinois	7,908,942	42,558,012	94,009	119,546,384	218,881,660	99,335,282
Indiana	6,368,454	40,081,508	11,046	169,670,101	276,228,174	106,558,073
Kentucky	501,561	6,014,081	—	17,701,161	28,772,062	11,071,801
Michigan	732,077	3,690,352	3,710	7,210,311	14,584,728	7,305,417
Missouri	739,452	3,809,101	5,246	7,205,688	13,346,586	6,640,898
New Jersey	2,780,013	11,574,908	350	23,049,735	49,064,929	25,105,194
New York	4,153,228	24,001,209	1,206,066	54,128,398	107,059,150	52,930,752
Ohio	19,134,165	155,561,086	466,068	511,486,687	789,542,088	278,055,341
Pennsylvania	36,669,862	239,056,386	208,872	681,335,644	1,086,935,222	405,599,578
Washington	240,739	700,582	65,106	1,809,837	4,575,843	2,765,508
West Virginia	2,336,940	22,191,508	—	55,861,650	92,565,227	36,708,577
Wisconsin	1,008,388	4,987,822	37,817	9,537,250	18,145,242	8,607,992
All other States ¹	4,623,840	33,716,200	154,981	82,758,487	139,379,109	56,620,622

¹ Not including 8,807 salaried officers and employees of central administrative offices, with salaries aggregating \$25,247,099. For purposes of comparison with the statistics published for earlier years, these figures should be added to those given in the table, making combined totals of 44,839 salaried officers and employees and \$116,211,809. (See "Central-administrative-office employees," p. 1193.)

² Colorado, 2 establishments; Connecticut, 2; Georgia, 1; Iowa, 2; Louisiana, 1; Maine, 1; Maryland, 4; Massachusetts, 14; Minnesota, 3; Oklahoma, 1; Oregon, 1; Rhode Island, 2; Tennessee, 2; Utah, 1; Virginia, 2.

³ Value of products less cost of materials. (See secs. 20 and 24, pp. 8 and 9.)

⁴ See footnote 1, Table 5, p. 448.